

# Legacy Email Builder - HTML Block

This article applies to:

You are able to add snippets of HTML code into your email using the HTML block. This guide is going to review the type of code the HTML block accepts.

There are a few different versions of HTML. The common version these days is HTML5, which is considered a "loosely" written language. XHTML is an older version is a "strictly" written language, which leaves less room for mistakes.

The BARD builder itself renders in HTML5, but when sending or looking at the preview, the email will render in XHTML. This is because in HTML5, you don't need to use a self-closing tag (though it's a best practice to do so regardless). In XHTML, however, you do.

## All XML Elements Must

- XHTML Elements Must Always Be Closed
- Empty Elements Must Also Be Closed
- XHTML Elements Must Be In Lower Case
- XHTML Attribute Names Must Be In Lower Case
- XML tags are case sensitive. The tag is different from the tag

## XML Elements Must be Properly Nested

In HTML, you might see improperly nested elements:

```
<b><i> This text is bold and italic </b></i>
```

In XML, all elements **must** be properly nested within each other:

```
<b><i> This text is bold and italic </i> </b>
```

In the example above, "**Properly nested**" simply means that since the *element is opened inside the element, it must be closed inside the element.*

*Another example is, instead of doing something like:*

```
<input type="text"/>
```

*You would need to actually close the tag as with a /*

```
<input type="text" />
```

*There are five pre-defined entity references in XML:*

<	<	less than
---	---	-----------

>	>	greater than
&	&	ampersand
'	'	apostrophe
"	"	quotation mark

*Only < and & are strictly illegal in XML, but it is a good habit to replace > with > as well.*

### ***White-space is Preserved in XML***

*XML does not truncate multiple white-spaces (HTML truncates multiple white-spaces to one single white-space):*

XML:	Hello Tove
HTML:	Hello Tove

*Source: [https://www.w3schools.com/xml/xml\\_syntax.asp](https://www.w3schools.com/xml/xml_syntax.asp)*

### ***Helpful tools to clean code:***

*Paste your code there, and click on "fix IT" this will fix any small errors in the code, and you can use the fixed code in the element, and the errors should be fixed. <https://www.htmlcorrector.com/>*

*HTML To XHTML Code Converter:*

*<http://www.csghnetwork.com/cvthtml2xhtml.html>*

*<http://www.cruto.com/resources/code-generators/code-converters/html-to-xhtml.asp>*

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