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# HTML DOM Element nodeType

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## Example

Get the node type of the body element:

```
var x = document.getElementById("myP").nodeType;
```

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More "Try it Yourself" examples below.

## Definition and Usage

The `nodeType` property returns the node type, as a number, of the specified node.

If the node is an element node, the `nodeType` property will return 1.

If the node is an attribute node, the `nodeType` property will return 2.

If the node is a text node, the `nodeType` property will return 3.

If the node is a comment node, the `nodeType` property will return 8.

This property is read-only.

## See Also:

[The nodeName Property](#)[The nodeValue Property](#)[The tagName Property](#)



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## Syntax

```
node.nodeType
```

## Return Value

Type	Description
Number	The node type of the node. See table below.

## Node Types

Documents, elements, attributes, and other nodes of HTML or XML documents has different node types.

There are 12 different node types, which may have children of various node types:

Type	Description	Children
1   Element	Represents an element	Element, Text, Comment, ProcessingInstruction, CDATASection, EntityReference
2   Attr	Represents an attribute	Text, EntityReference
3   Text	Represents textual content in an element or attribute	None
4   CDATASection	Represents a CDATA section in a document (text that will NOT be parsed by a parser)	None
5   EntityReference	Represents an entity reference	Element, ProcessingInstruction, Comment, Text, CDATASection, EntityReference
6   Entity	Represents an entity	Element, ProcessingInstruction, Comment, Text, CDATASection, EntityReference
7   ProcessingInstruction	Represents a processing instruction	None

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9	Document	Represents the entire document (the root-node of the DOM tree)	Element, ProcessingInstruction, Comment, DocumentType
10	DocumentType	Provides an interface to the entities defined for the document	None
11	DocumentFragment	Represents a "lightweight" Document object, which can hold a portion of a document	Element, ProcessingInstruction, Comment, Text, CDATASection, EntityReference
12	Notation	Represents a notation declared in the DTD	None

## Node Types - Return Values

The return value of the nodeName and the nodeValue properties for each node type:

Type		nodeName	nodeValue
1	Element	element name	null
2	Attr	attribute name	attribute value
3	Text	#text	content of node
4	CDATASection	#cdata-section	content of node
5	EntityReference	entity reference name	null
6	Entity	entity name	null
7	ProcessingInstruction	target	content of node
8	Comment	#comment	comment text
9	Document	#document	null
10	DocumentType	doctype name	null
11	DocumentFragment	#document fragment	null
12	Notation	notation name	null

## NodeTypes - Named Constants

Type	Named Constant
1	ELEMENT_NODE
2	ATTRIBUTE_NODE



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4	CDATA_SECTION_NODE
5	ENTITY_REFERENCE_NODE
6	ENTITY_NODE
7	PROCESSING_INSTRUCTION_NODE
8	COMMENT_NODE
9	DOCUMENT_NODE
10	DOCUMENT_TYPE_NODE
11	DOCUMENT_FRAGMENT_NODE
12	NOTATION_NODE

## More Examples

### Example

Return the node type of the <body> element:

```
document.body.nodeType;
```

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### Example

Display the node types of all elements:

```
const nodes = document.body.childNodes;

let text = "";
for (let i = 0; i < nodes.length; i++) {
  text += nodes[i].nodeType + "<br>";
}
```

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### Example

Get the node name, value and type of "myDIV"s first child node:

```
const x = document.getElementById("myDIV").firstChild;
```



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```
text += "Value: " + x.nodeValue + "<br>";  
text += "Type: " + x.nodeType;
```

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## Browser Support

`element.nodeType` is a DOM Level 1 (1998) feature.

It is fully supported in all browsers:

Chrome	IE	Edge	Firefox	Safari	Opera
Yes	9-11	Yes	Yes	Yes	Yes

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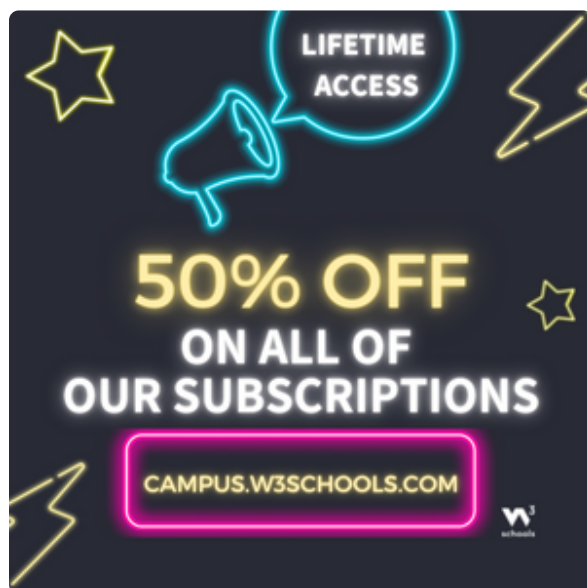


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