XSD Miscellaneous Data Types

Other miscellaneous data types are boolean, base64Binary, hexBinary, float, double, anyURI, QName, and NOTATION.

Boolean Data Type

The boolean data type is used to specify a true or false value.

The following is an example of a boolean declaration in a schema:

```
<xs:attribute name="disabled" type="xs:boolean"/>
```

An element in your document might look like this:

```
<price disabled="true">999</price>
```

Note: Legal values for boolean are true, false, 1 (which indicates true), and 0 (which indicates false).

Binary Data Types

- base64Binary (Base64-encoded binary data)
- hexBinary (hexadecimal-encoded binary data)

The following is an example of a hexBinary declaration in a schema:

```
<xs:element name="blobsrc" type="xs:hexBinary"/>
```

AnyURI Data Type

The anyURI data type is used to specify a URI.

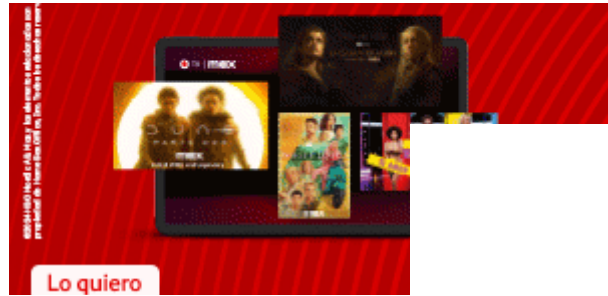The following is an example of an anyURI declaration in a schema:

```
<xs:attribute name="src" type="xs:anyURI"/>
```

An element in your document might look like this:

```
<pic src="https://www.w3schools.com/images/smiley.gif" />
```

Note: If a URI has spaces, replace them with %20.

Miscellaneous Data Types

Name	Description
anyURI	
base64Binary	
boolean	
double	
float	
hexBinary	
NOTATION	
QName	

Restrictions on Miscellaneous Data Types
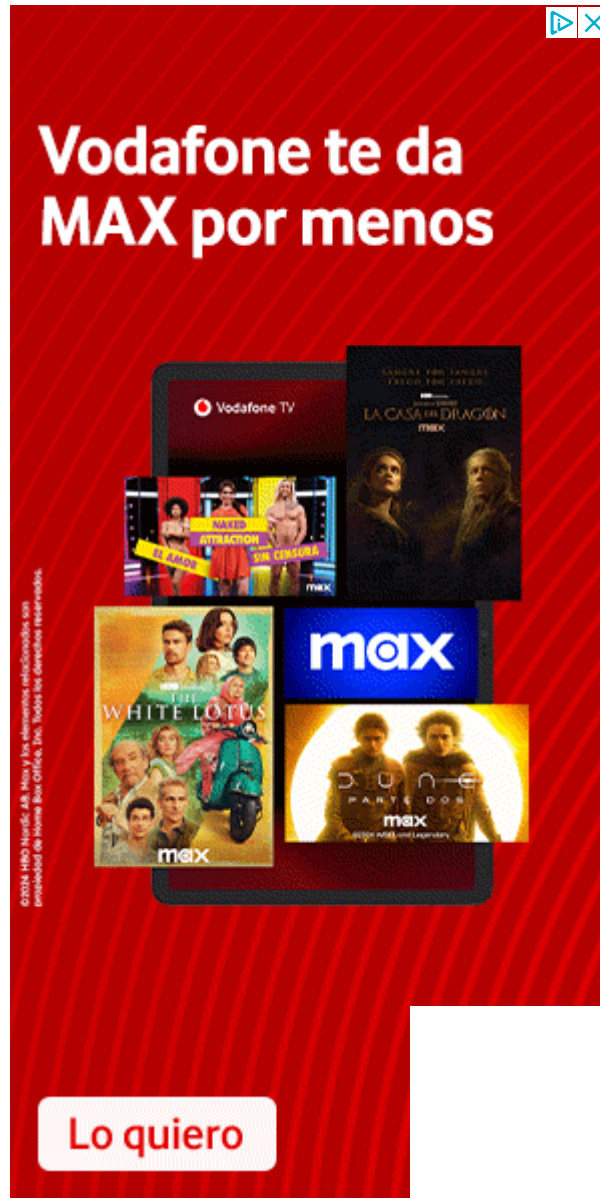
Restrictions that can be used with the other data types:

- enumeration (a Boolean data type cannot use this constraint)
- length (a Boolean data type cannot use this constraint)
- maxLength (a Boolean data type cannot use this constraint)
- minLength (a Boolean data type cannot use this constraint)
- pattern
- whiteSpace

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