

Converting Colors

Decimal(16711791)

Have a look what the booklet for
Decimal(16711791) contains.

Decimal(16711791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(16711791)

Conversions

Conversions Part 1

Format	Color
Hex	FF006F
RGB	255, 0, 111
RGB Percent	100%, 0%, 44%
CMY	0.0000, 1.0000, 0.5647
CMYK	0.00, 1.00, 0.56, 0.00
HSL	334°, 100%, 50%
HSV	334°, 100%, 100%
XYZ	44.1092, 22.4077, 17.0392
YIQ	88.8990, 116.3490, 88.5810

Conversions

Conversions Part 2

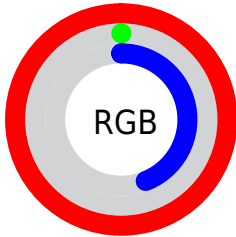
Format	Color
R_{YB}	255, 0, 111
Decimal	16711791
CIE _{Lab}	54.46, 83.42, 13.70
CIE _{LCh}	54, 84.533, 9.327
Yxy	22.4077, 0.5279, 0.2682
Android (android.graphics.Color)	4294901871 (0xFFFF006F)
YUV	88.8990, 10.8958, 145.6706
Hunter-Lab	47.3368, 83.4901, 11.7939

Details

The Decimal color **16711791** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **65424**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **16737186**, and **12517440** is the 20% darker color. If you saturate the color by 10%, you get **16711791**, and if you desaturate by 10%, it is **16718205**.

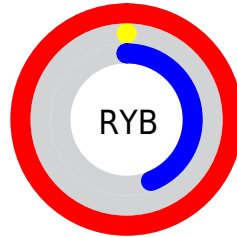
Distribution



Red (100%)

Green (0%)

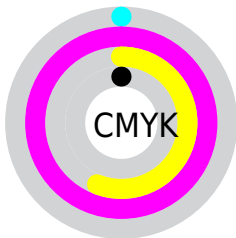
Blue (44%)



Red (100%)

Yellow (0%)

Blue (44%)

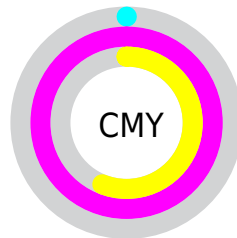


Cyan (0%)

Magenta (100%)

Yellow (56%)

Black (0%)



Cyan (0%)
















Magenta (100%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711791 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 16711791 by changing the saturation by 10% instead.

 16711791	 16711791
16777215	 14614615
 16737186	 12517440
 16745405	 10420267
 16753369	 8323095
 16761077	 6291460
 16769023	 4259843
16776959	 1966081
	 0

 16711791

 16718205

 16724876

 16731546

 16737961

 16744631

 16751045

 16757716

 16764130

 16770801

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15150520



16711791



15745063

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16711791



3184128



39167

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16711791



65424

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41182



16711791



40523

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16711791



9078528



41368



34303

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16711791



14049024



41368



40191

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16711791



16757716



9175295



8409702



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16711791



16715008



8418168



12517459



4194332

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16711791



62207



8418168



12517459



4194332

Previews

White Background



This preview shows how the Decimal color 16711791 looks on a white background.

Color Contrast Check

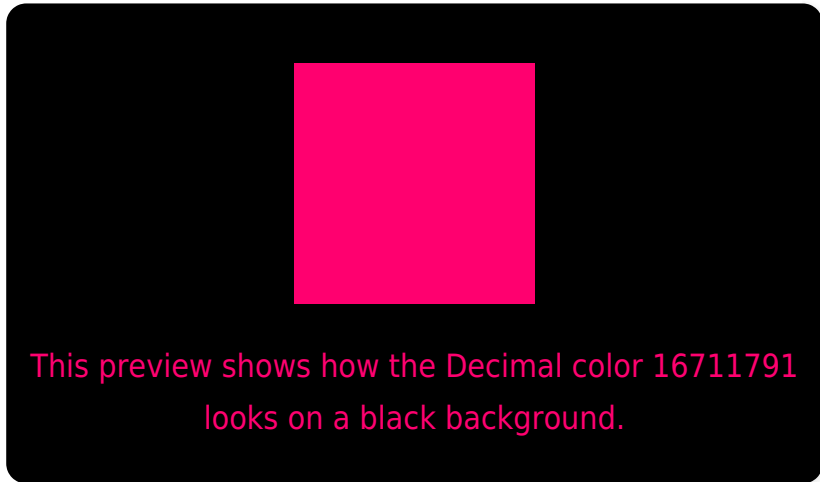
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16711791 Background



This preview shows how black text looks on a background with the Decimal color 16711791.



This preview shows how white text looks on a background with the Decimal color 16711791.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
16526379

Trichromacy



Original Color
16711791



Protanomaly
11293583



Deuteranomaly
12537960



Tritanomaly
16587844

Monochromacy



Original Color
16711791



Achromatopsia
5855577



Achromatomaly
9779553

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711791 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FF006F looks like.

```
.text, #text, p{  
  color:#FF006F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FF006F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF006F
}
```

Border

The CSS property to change the border of an element to Decimal 16711791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

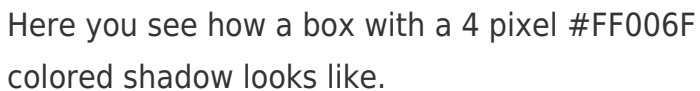
```
.border, #border, table{ border:4px solid
#FF006F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FF006F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FF006F colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The box is white and contains the text 'Here you see how a box with a 4 pixel #FF006F colored shadow looks like.' The shadow is a darker red color and is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF006F; -webkit-box-shadow:4px 4px  
4px 4px #FF006F; box-shadow:4px 4px 4px  
4px #FF006F }
```

Background

The CSS property to change the background color of an element to Decimal 16711791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF006F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FF006F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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