

# Converting Colors

Decimal(16711706)

Have a look what the booklet for  
Decimal(16711706) contains.

<b>Decimal(16711706)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

**Color**

**Decimal(16711706)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF001A
RGB	255, 0, 26
RGB Percent	100%, 0%, 10%
CMY	0.0000, 1.0000, 0.8980
CMYK	0.00, 1.00, 0.90, 0.00
HSL	354°, 100%, 50%
HSV	354°, 100%, 100%
XYZ	41.4265, 21.3346, 2.9118
YIQ	79.2090, 143.6340, 62.1460

# Conversions

## Conversions Part 2

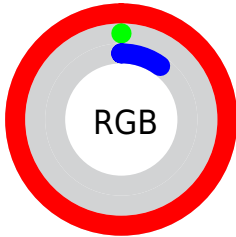
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 0, 26
Decimal	16711706
CIELab	53.31, 80.33, 59.70
CIElCh	53, 100.084, 36.618
Yxy	21.3346, 0.6308, 0.3249
Android (android.graphics.Color)	4294901786 (0xFFFF001A)
YUV	79.2090, -26.2320, 154.1687
Hunter-Lab	46.1894, 79.2622, 28.5948

# Details

The Decimal color **16711706** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **65509**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **16736587**, and **12320768** is the 20% darker color. If you saturate the color by 10%, you get **16711706**, and if you desaturate by 10%, it is **16718129**.

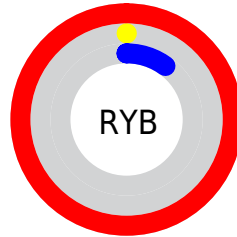
# Distribution



Red (100%)

Green (0%)

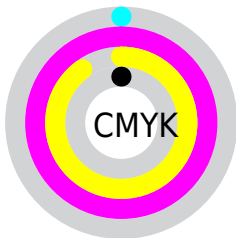
Blue (10%)



Red (100%)

Yellow (0%)

Blue (10%)

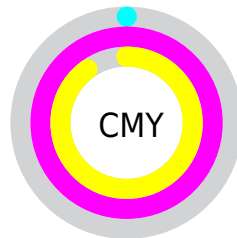


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16711706 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 16711706 by changing the saturation by 10% instead.



 16711706	 16711706
 16777215	 14483456
 16736587	 12320768
 16744548	 10092544
 16752510	 7929857
 16760216	 5898244
 16768179	 3866626
 16775887	 1245184
 16777196	 0

 16711706

 16718129

 16724808

 16731487

 16737910

 16744589

 16751011

 16757690

 16764113

 16770792

# Harmonies

## Analogous

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



16711793



16711706



13655808

# Triad

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



16711706



40243



34559

# Complementary

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



16711706



65509

# 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.



39935



16711706



41361

# Square

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



16711706



1021184



41446



9264383

# Rectangle

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



16711706



10778880



41446



36863



# Sweetspot

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



16711706



16757690



14745855



8409686



0



8421504



# Same Dimension

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



16711706



16736768



8418164



12517396



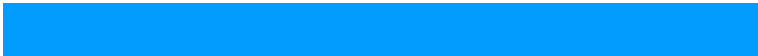
4194311

# Inverse Universe

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



16711706



40447



8418164



12517395



4194310

# Previews

## White Background



This preview shows how the Decimal color 16711706 looks on a white background.

## Color Contrast Check

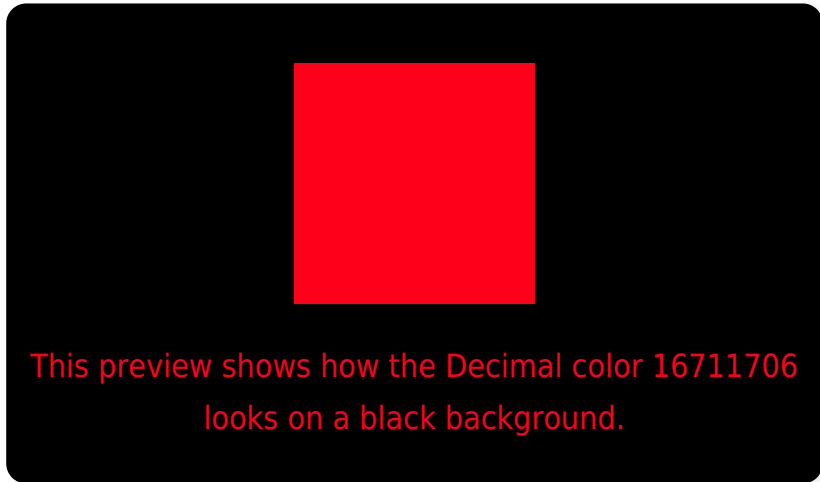
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711706 Background



This preview shows how black text looks on a background with the Decimal color 16711706.



This preview shows how white text looks on a background with the Decimal color 16711706.

# 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



**Original Color**  
16711706

**Protanopia**  
9470256

**Deuteranopia**  
10648064





**Tritanopia**  
16586496

# Trichromacy



**Original Color**  
16711706



**Protanomaly**  
12079656



**Deuteranomaly**  
12865033



**Tritanomaly**  
16649993

# Monochromacy



**Original Color**  
16711706



**Achromatopsia**  
5197647



**Achromatomaly**  
9384508

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16711706 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 #FF001A looks like.

```
.text, #text, p{  
  color:#FF001A  
}
```

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 #FF001A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF001A
}
```

## Border

The CSS property to change the border of an element to Decimal 16711706 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".

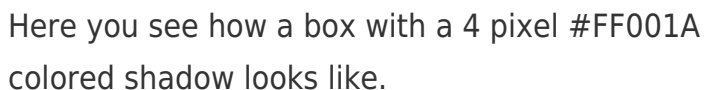
```
.border, #border, table{ border:4px solid
#FF001A }
```

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

```
.border{ border-color:#FF001A }
```

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

Here you see how a box with a 4 pixel #FF001A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF001A; -webkit-box-shadow:4px 4px  
4px 4px #FF001A; box-shadow:4px 4px 4px  
4px #FF001A }
```

# Background

The CSS property to change the background color of an element to Decimal 16711706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF001A }
```

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

```
.background{ background-color:#FF001A }
```

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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