

Converting Colors

Decimal(16711761)

Have a look what the booklet for
Decimal(16711761) contains.

Decimal(16711761)	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(16711761)

Conversions

Conversions Part 1

Format	Color
Hex	FF0051
RGB	255, 0, 81
RGB Percent	100%, 0%, 32%
CMY	0.0000, 1.0000, 0.6824
CMYK	0.00, 1.00, 0.68, 0.00
HSL	341°, 100%, 50%
HSV	341°, 100%, 100%
XYZ	42.7252, 21.8541, 9.7510
YIQ	85.4790, 125.9790, 79.2510

Conversions

Conversions Part 2

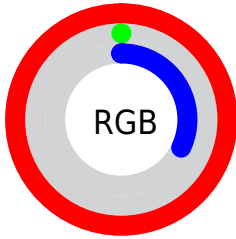
Format	Color
R_{YB}	255, 0, 81
Decimal	16711761
CIE _{Lab}	53.87, 81.85, 30.99
CIE _{LCh}	54, 87.516, 20.738
Yxy	21.8541, 0.5748, 0.2940
Android (android.graphics.Color)	4294901841 (0xFFFF0051)
YUV	85.4790, -2.2081, 148.6699
Hunter-Lab	46.7483, 81.3287, 20.3569

Details

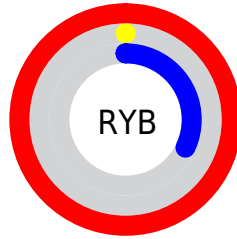
The Decimal color **16711761** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **65454**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **16736898**, and **12386341** is the 20% darker color. If you saturate the color by 10%, you get **16711761**, and if you desaturate by 10%, it is **16718178**.

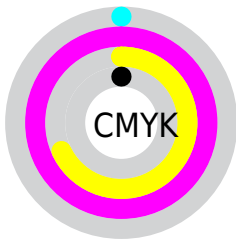
Distribution



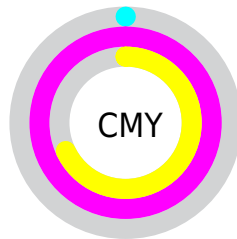
- Red (100%)
- Green (0%)
- Blue (32%)



- Red (100%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711761 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 16711761 by changing the saturation by 10% instead.

 16711761

 16711761

16777215

 14549050

 16736898

 12386341

 16745116

 10289170

 16753079

 8192002

 16760786

 6094852

 16768750

 4063235

 16776447

 1638401

 0

 16711761

 16718178

 16724852

 16731525

 16737943

 16744616

 16751033

 16757707

 16764124

 16770798

Harmonies

Analogous

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



16187548



16711761



14896640

Triad

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



16711761



39170



37631

Complementary

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



16711761



65454

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.



40438



16711761



40550

Square

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



16711761



7048448



41141



1079551

Rectangle

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



16711761



12806656



41141



38911

Sweetspot

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



16711761



16757707



11141375



8409696



0



8421504

Same Dimension

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



16711761



16722432



8418167



12517437



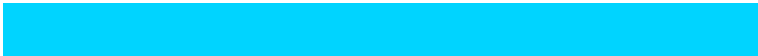
4194324

Inverse Universe

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



16711761



54527



8418167



12517437



4194324

Previews

White Background



This preview shows how the Decimal color 16711761 looks on a white background.

Color Contrast Check

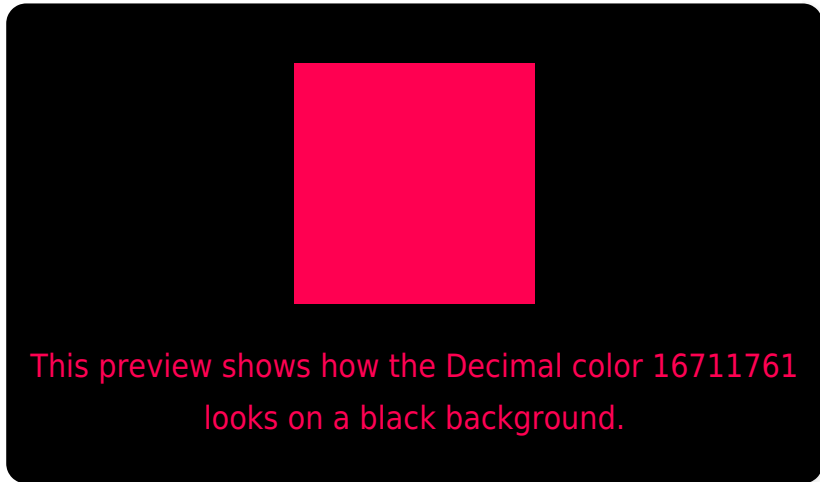
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711761 Background



This preview shows how black text looks on a background with the Decimal color 16711761.



This preview shows how white text looks on a background with the Decimal color 16711761.

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
16711761

Protanopia
8880760

Deuteranopia
10452037



Tritanopia
16654620

Trichromacy



Original Color

16711761



Protanomaly

11752298



Deuteranomaly

12734281



Tritanomaly

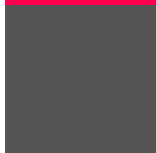
16651567

Monochromacy



Original Color

16711761



Achromatopsia

5592405



Achromatomaly

9647700

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711761 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 #FF0051 looks like.

```
.text, #text, p{  
    color:#FF0051  
}
```

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 #FF0051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0051
}
```

Border

The CSS property to change the border of an element to Decimal 16711761 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
#FF0051 }
```

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

```
.border{ border-color:#FF0051 }
```

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

Here you see how a box with a 4 pixel #FF0051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0051; -webkit-box-shadow:4px 4px  
4px 4px #FF0051; box-shadow:4px 4px 4px  
4px #FF0051 }
```

Background

The CSS property to change the background color of an element to Decimal 16711761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0051 }
```

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

```
.background{ background-color:#FF0051 }
```

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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