

Converting Colors

Decimal(16711755)

Have a look what the booklet for
Decimal(16711755) contains.

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Color

Decimal(16711755)

Conversions

Conversions Part 1

Format	Color
Hex	FF004B
RGB	255, 0, 75
RGB Percent	100%, 0%, 29%
CMY	0.0000, 1.0000, 0.7059
CMYK	0.00, 1.00, 0.71, 0.00
HSL	342°, 100%, 50%
HSV	342°, 100%, 100%
XYZ	42.5100, 21.7680, 8.6177
YIQ	84.7950, 127.9050, 77.3850

Conversions

Conversions Part 2

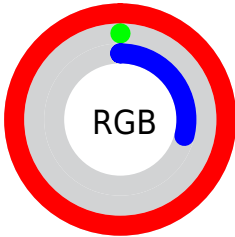
Format	Color
RYB	255, 0, 75
Decimal	16711755
CIELab	53.78, 81.60, 34.44
CIElCh	54, 88.568, 22.883
Yxy	21.7680, 0.5832, 0.2986
Android (android.graphics.Color)	4294901835 (0xFFFF004B)
YUV	84.7950, -4.8289, 149.2698
Hunter-Lab	46.6562, 80.9889, 21.7081

Details

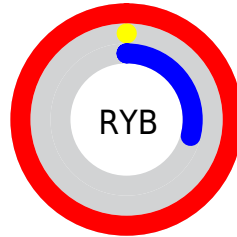
The Decimal color **16711755** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **65460**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **16736891**, and **12386336** is the 20% darker color. If you saturate the color by 10%, you get **16711755**, and if you desaturate by 10%, it is **16718173**.

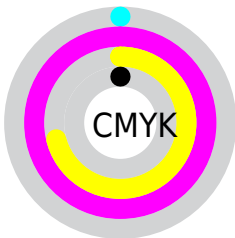
Distribution



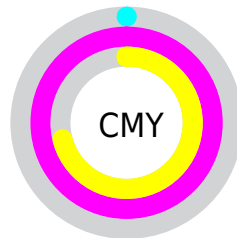
- Red (100%)
- Green (0%)
- Blue (29%)



- Red (100%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (0%)















- Cyan (0%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711755 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 16711755 by changing the saturation by 10% instead.

 16711755	 16711755
 16777215	 14549045
 16736891	 12386336
 16745109	 10289163
 16752816	 8126466
 16760779	 6029316
 16768487	 3997699
 16776447	 1572865
	 0

 16711755

 16718173

 16724847

 16731521

 16737939

 16744613

 16751031

 16757705

 16764123

 16770797

Harmonies

Analogous

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



16384150



16711755



14766336

Triad

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



16711755



39180



37119

Complementary

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



16711755



65460

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.



40443



16711755



40811

Square

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



16711755



6589952



41146



3503615

Rectangle

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



16711755



12545024



41146



38655

Sweetspot

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



16711755



16757705



11731199



8409695



0



8421504

Same Dimension

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



16711755



16724736



8418167



12517432



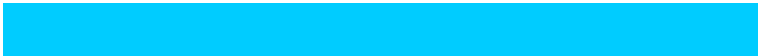
4194323

Inverse Universe

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



16711755



52479



8418167



12517432



4194323

Previews

White Background



This preview shows how the Decimal color 16711755 looks on a white background.

Color Contrast Check

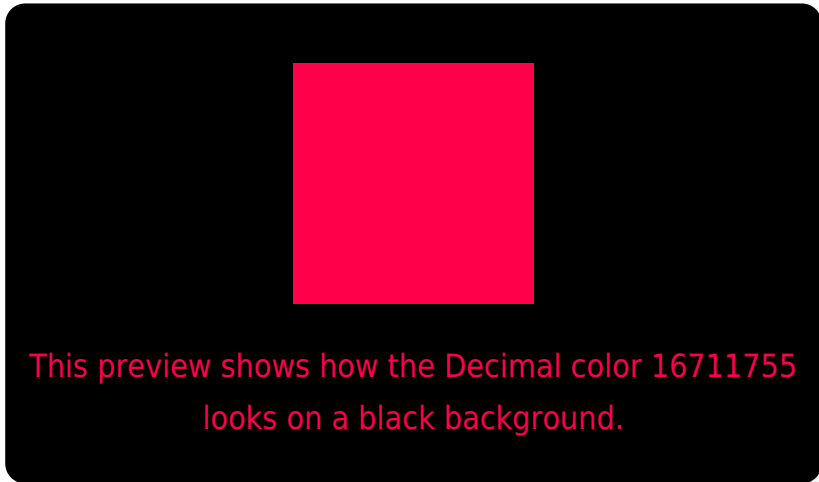
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711755 Background



This preview shows how black text looks on a background with the Decimal color 16711755.



This preview shows how white text looks on a background with the Decimal color 16711755.

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
16654104

Trichromacy



Original Color
16711755



Protanomaly
11752290



Deuteranomaly
12799811



Tritanomaly
16651307

Monochromacy



Original Color
16711755



Achromatopsia
5592405



Achromatomaly
9647697

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711755 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 #FF004B looks like.

```
.text, #text, p{  
    color:#FF004B  
}
```

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 #FF004B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF004B
}
```

Border

The CSS property to change the border of an element to Decimal 16711755 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
#FF004B }
```

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

```
.border{ border-color:#FF004B }
```

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

Here you see how a box with a 4 pixel #FF004B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF004B; -webkit-box-shadow:4px 4px  
4px 4px #FF004B; box-shadow:4px 4px 4px  
4px #FF004B }
```

Background

The CSS property to change the background color of an element to Decimal 16711755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF004B }
```

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

```
.background{ background-color:#FF004B }
```

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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