

Converting Colors

Decimal(16711759)

Have a look what the booklet for
Decimal(16711759) contains.

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Color

Decimal(16711759)

Conversions

Conversions Part 1

Format	Color
Hex	FF004F
RGB	255, 0, 79
RGB Percent	100%, 0%, 31%
CMY	0.0000, 1.0000, 0.6902
CMYK	0.00, 1.00, 0.69, 0.00
HSL	341°, 100%, 50%
HSV	341°, 100%, 100%
XYZ	42.6513, 21.8245, 9.3617
YIQ	85.2510, 126.6210, 78.6290

Conversions

Conversions Part 2

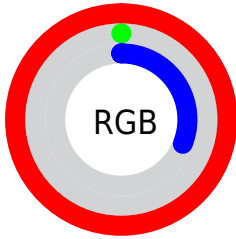
Format	Color
RYB	255, 0, 79
Decimal	16711759
CIELab	53.84, 81.76, 32.14
CIELCh	54, 87.851, 21.460
Yxy	21.8245, 0.5776, 0.2956
Android (android.graphics.Color)	4294901839 (0xFFFF004F)
YUV	85.2510, -3.0817, 148.8699
Hunter-Lab	46.7167, 81.2121, 20.8204

Details

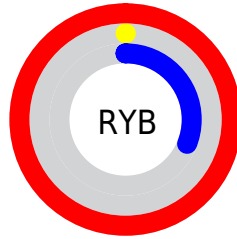
The Decimal color **16711759** is a dark color, and the websafe version is hex **FF3366**, and the color name is **folly**. The color can be described as dark saturated red. A complement of this color would be **65456**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **16736896**, and **12386340** is the 20% darker color. If you saturate the color by 10%, you get **16711759**, and if you desaturate by 10%, it is **16718177**.

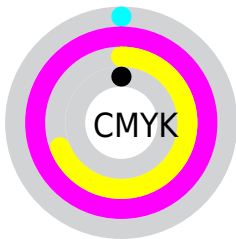
Distribution



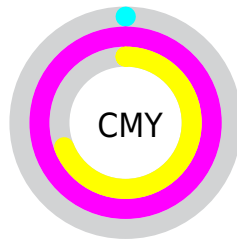
- Red (100%)
- Green (0%)
- Blue (31%)



- Red (100%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (0%)






- Cyan (0%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711759 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 16711759 by changing the saturation by 10% instead.

 16711759	 16711759
 16777215	 14549048
 16736896	 12386340
 16745114	 10289168
 16752820	 8126466
 16760784	 6094852
 16768492	 3997699
 16776447	 1638401
	 0

 16711759

 16718177

 16724850

 16731524

 16737941

 16744615

 16751033

 16757706

 16764124

 16770797

Harmonies

Analogous

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



16253082



16711759



14896896

Triad

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



16711759



39173



37375

Complementary

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



16711759



65456

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.



40440



16711759



40552

Square

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



16711759



6851840



41143



2193407

Rectangle

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



16711759



12741376



41143



38655

Sweetspot

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



16711759



16757706



11403519



8409696



0



8421504

Same Dimension

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



16711759



16723712



8418167



12517435



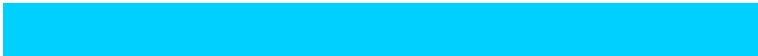
4194324

Inverse Universe

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



16711759



53503



8418167



12517435



4194324

Previews

White Background



This preview shows how the Decimal color 16711759 looks on a white background.

Color Contrast Check

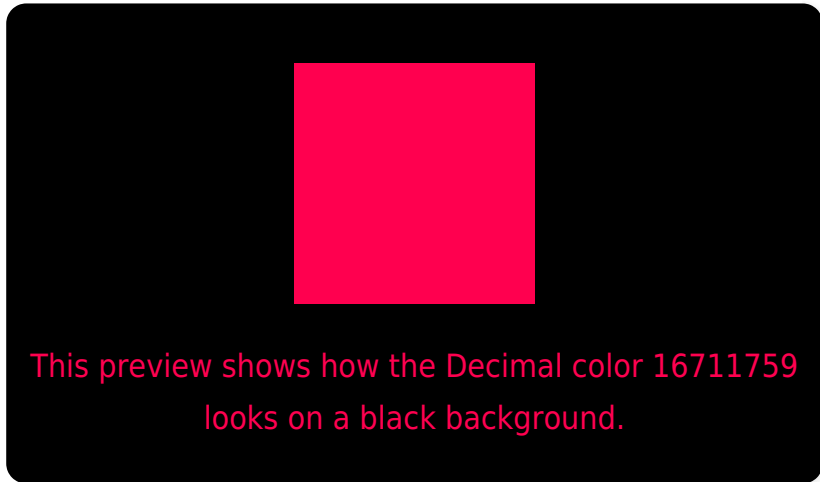
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711759 Background



This preview shows how black text looks on a background with the Decimal color 16711759.



This preview shows how white text looks on a background with the Decimal color 16711759.

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
16654363

Trichromacy



Original Color
16711759



Protanomaly
11752295



Deuteranomaly
12799815



Tritanomaly
16651310

Monochromacy



Original Color
16711759



Achromatopsia
5592405



Achromatomaly
9647699

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711759 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 #FF004F looks like.

```
.text, #text, p{  
    color:#FF004F  
}
```

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 #FF004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF004F
}
```

Border

The CSS property to change the border of an element to Decimal 16711759 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".

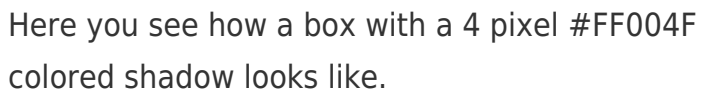
```
.border, #border, table{ border:4px solid
#FF004F }
```

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

```
.border{ border-color:#FF004F }
```

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

Here you see how a box with a 4 pixel #FF004F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF004F; -webkit-box-shadow:4px 4px  
4px 4px #FF004F; box-shadow:4px 4px 4px  
4px #FF004F }
```

Background

The CSS property to change the background color of an element to Decimal 16711759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF004F }
```

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

```
.background{ background-color:#FF004F }
```

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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