

Converting Colors

Decimal(16711737)

Have a look what the booklet for
Decimal(16711737) contains.

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Color

Decimal(16711737)

Conversions

Conversions Part 1

Format	Color
Hex	FF0039
RGB	255, 0, 57
RGB Percent	100%, 0%, 22%
CMY	0.0000, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.78, 0.00
HSL	347°, 100%, 50%
HSV	347°, 100%, 100%
XYZ	41.9785, 21.5554, 5.8190
YIQ	82.7430, 133.6830, 71.7870

Conversions

Conversions Part 2

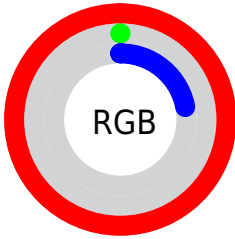
Format	Color
R_YB	255, 0, 57
Decimal	16711737
CIE Lab	53.55, 80.98, 44.58
CIE LCh	54, 92.441, 28.835
Yxy	21.5554, 0.6053, 0.3108
Android (android.graphics.Color)	4294901817 (0xFFFF0039)
YUV	82.7430, -12.6913, 151.0694
Hunter-Lab	46.4278, 80.1453, 25.0684

Details

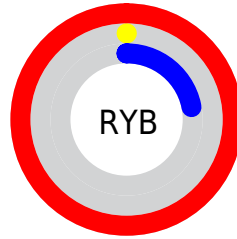
The Decimal color **16711737** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **65478**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **16736616**, and **12320783** is the 20% darker color. If you saturate the color by 10%, you get **16711737**, and if you desaturate by 10%, it is **16718157**.

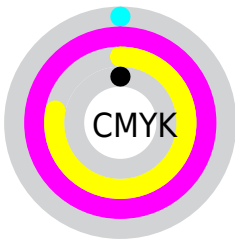
Distribution



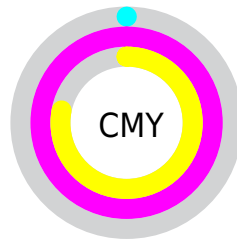
- Red (100%)
- Green (0%)
- Blue (22%)



- Red (100%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (0%)




- Cyan (0%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711737 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 16711737 by changing the saturation by 10% instead.

 16711737	 16711737
 16777215	 14549027
 16736616	 12320783
 16744834	 10223616
 16752796	 8060930
 16760503	 5963780
 16768467	 3932163
 16776175	 1441792
	 0

 16711737

 16718157

 16724833

 16731508

 16737928

 16744604

 16751024

 16757700

 16764119

 16770795

Harmonies

Analogous

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



16711815



16711737



14309120

Triad

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



16711737



39712



36095

Complementary

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



16711737



65478

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.



40191



16711737



40827

Square

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



16711737



5083392



41164



6515967

Rectangle

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



16711737



11825664



41164



37887

Sweetspot

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



16711737



16757700



12779775



8409692



0



8421504

Same Dimension

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



16711737



16729088



8418166



12517419



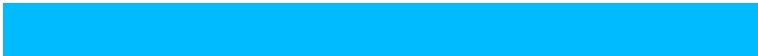
4194318

Inverse Universe

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



16711737



48127



8418166



12517419



4194318

Previews

White Background



This preview shows how the Decimal color 16711737 looks on a white background.

Color Contrast Check

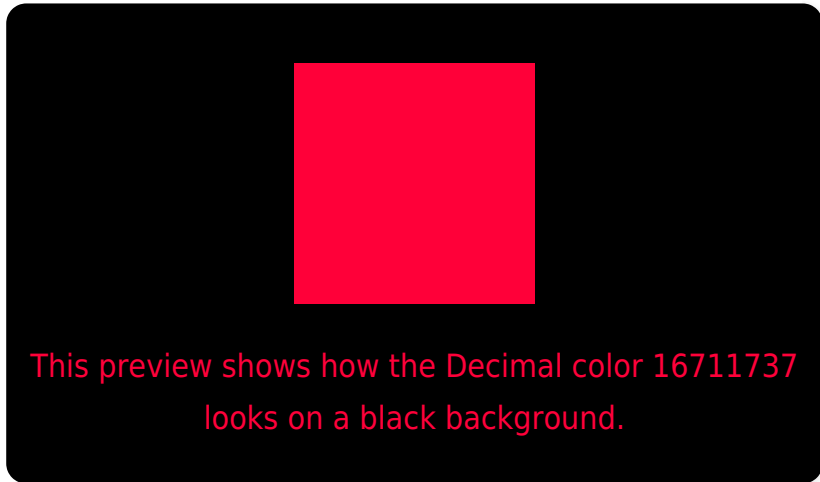
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711737 Background



This preview shows how black text looks on a background with the Decimal color 16711737.



This preview shows how white text looks on a background with the Decimal color 16711737.

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
16711737

Protanopia
9208151

Deuteranopia
10648361



Tritanopia
16652299

Trichromacy



Original Color

16711737



Protanomaly

11948620



Deuteranomaly

12865071



Tritanomaly

16650012

Monochromacy



Original Color

16711737



Achromatopsia

5460819



Achromatomaly

9581898

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711737 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 #FF0039 looks like.

```
.text, #text, p{  
    color:#FF0039  
}
```

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 #FF0039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0039
}
```

Border

The CSS property to change the border of an element to Decimal 16711737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

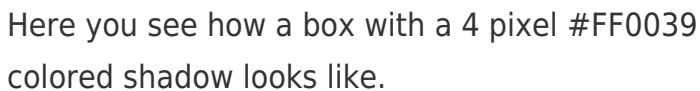
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF0039 }
```

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

```
.border{ border-color:#FF0039 }
```

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



Here you see how a box with a 4 pixel #FF0039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0039; -webkit-box-shadow:4px 4px  
4px 4px #FF0039; box-shadow:4px 4px 4px  
4px #FF0039 }
```

Background

The CSS property to change the background color of an element to Decimal 16711737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0039 }
```

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

```
.background{ background-color:#FF0039 }
```

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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