

Converting Colors

Decimal(16711727)

Have a look what the booklet for
Decimal(16711727) contains.

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Color

Decimal(16711727)

Conversions

Conversions Part 1

Format	Color
Hex	FF002F
RGB	255, 0, 47
RGB Percent	100%, 0%, 18%
CMY	0.0000, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.82, 0.00
HSL	349°, 100%, 50%
HSV	349°, 100%, 100%
XYZ	41.7531, 21.4652, 4.6319
YIQ	81.6030, 136.8930, 68.6770

Conversions

Conversions Part 2

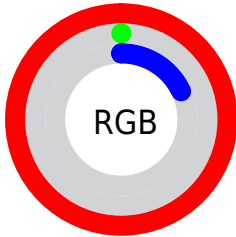
Format	Color
RYB	255, 0, 47
Decimal	16711727
CIELab	53.45, 80.72, 49.93
CIElCh	53, 94.912, 31.742
Yxy	21.4652, 0.6154, 0.3164
Android (android.graphics.Color)	4294901807 (0xFFFF002F)
YUV	81.6030, -17.0593, 152.0692
Hunter-Lab	46.3306, 79.7855, 26.5039

Details

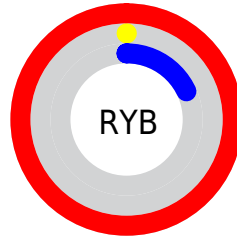
The Decimal color **16711727** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **65488**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **16736606**, and **12320770** is the 20% darker color. If you saturate the color by 10%, you get **16711727**, and if you desaturate by 10%, it is **16718148**.

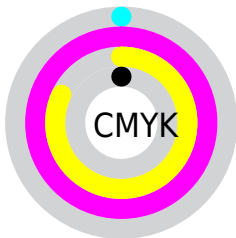
Distribution



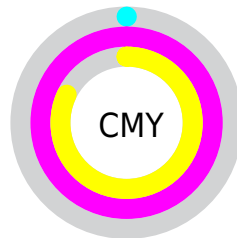
- Red (100%)
- Green (0%)
- Blue (18%)



- Red (100%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (0%)







- Cyan (0%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711727 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 16711727 by changing the saturation by 10% instead.

 16711727	 16711727
 16777215	 14483481
 16736606	 12320770
 16744823	 10158080
 16752529	 7995393
 16760492	 5963780
 16768200	 3866627
 16776164	 1376256
	 0

 16711727

 16718148

 16724825

 16731501

 16737922

 16744599

 16751020

 16757697

 16764117

 16770794

Harmonies

Analogous

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



16711807



16711727



14047744

Triad

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



16711727



39975



35583

Complementary

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



16711727



65488

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



16711727



41091

Square

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



16711727



4100608



41173



7628543

Rectangle

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



16711727



11433216



41173



37631

Sweetspot

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



16711727



16757697



13369599



8409690



0



8421504

Same Dimension

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



16711727



16731392



8418165



12517411



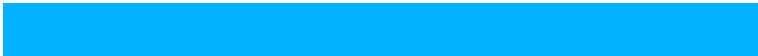
4194316

Inverse Universe

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



16711727



45823



8418165



12517411



4194316

Previews

White Background



This preview shows how the Decimal color 16711727 looks on a white background.

Color Contrast Check

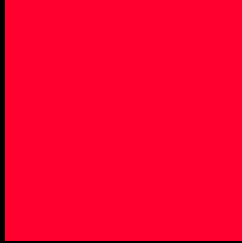
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 16711727 looks on a 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 16711727 Background



This preview shows how black text looks on a background with the Decimal color 16711727.



This preview shows how white text looks on a background with the Decimal color 16711727.

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
16711727

Protanopia
9339210

Deuteranopia
10713625



Tritanopia
16652032

Trichromacy



Original Color

16711727



Protanomaly

12014144



Deuteranomaly

12865057



Tritanomaly

16650001

Monochromacy



Original Color

16711727



Achromatopsia

5395026



Achromatomaly

9516101

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711727 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 #FF002F looks like.

```
.text, #text, p{  
  color:#FF002F  
}
```

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 #FF002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF002F
}
```

Border

The CSS property to change the border of an element to Decimal 16711727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

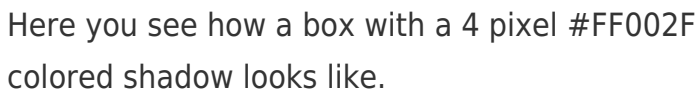
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF002F }
```

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

```
.border{ border-color:#FF002F }
```

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



Here you see how a box with a 4 pixel #FF002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF002F; -webkit-box-shadow:4px 4px  
4px 4px #FF002F; box-shadow:4px 4px 4px  
4px #FF002F }
```

Background

The CSS property to change the background color of an element to Decimal 16711727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF002F }
```

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

```
.background{ background-color:#FF002F }
```

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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