

Converting Colors

Decimal(16711740)

Have a look what the booklet for
Decimal(16711740) contains.

| | |
|--|----|
| Decimal(16711740) | 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(16711740)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF003C |
| RGB | 255, 0, 60 |
| RGB Percent | 100%, 0%, 24% |
| CMY | 0.0000, 1.0000, 0.7647 |
| CMYK | 0.00, 1.00, 0.76, 0.00 |
| HSL | 346°, 100%, 50% |
| HSV | 346°, 100%, 100% |
| XYZ | 42.0556, 21.5862, 6.2249 |
| YIQ | 83.0850, 132.7200, 72.7200 |

Conversions

Conversions Part 2

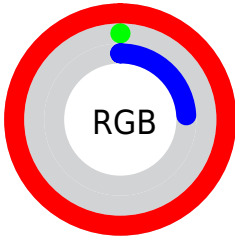
| Format | Color |
|-------------------------------------|--------------------------------|
| R_YB | 255, 0, 60 |
| Decimal | 16711740 |
| CIE _{Lab} | 53.59, 81.07, 42.93 |
| CIE _{LCh} | 54, 91.734, 27.902 |
| Yxy | 21.5862, 0.6019, 0.3090 |
| Android (android.graphics.Color) | 4294901820 (0xFFFF003C) |
| YUV | 83.0850, -11.3809, 150.7695 |
| Hunter-Lab | 46.4610, 80.2680, 24.5789 |

Details

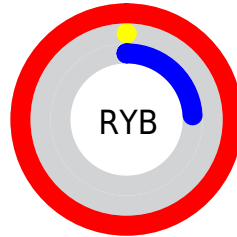
The Decimal color **16711740** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **65475**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **16736620**, and **12386322** is the 20% darker color. If you saturate the color by 10%, you get **16711740**, and if you desaturate by 10%, it is **16718160**.

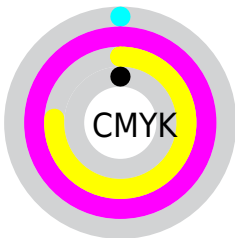
Distribution



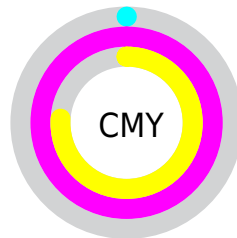
- Red (100%)
- Green (0%)
- Blue (24%)



- Red (100%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711740 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 16711740 by changing the saturation by 10% instead.

| | |
|--|---|
|  16711740 |  16711740 |
| 16777215 |  14549030 |
|  16736620 |  12386322 |
|  16744837 |  10223616 |
|  16752799 |  8060930 |
|  16760506 |  5963780 |
|  16768470 |  3932163 |
|  16776178 |  1441792 |
| |  0 |

 16711740

 16718160

 16724835

 16731511

 16737930

 16744606

 16751025

 16757701

 16764120

 16770796

Harmonies

Analogous

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



16711817



16711740



14374400

Triad

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



16711740



39709



36351

Complementary

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



16711740



65475

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



16711740



40824

Square

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



16711740



5345280



41161



6123007

Rectangle

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



16711740



11956480



41161



38143

Sweetspot

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



16711740



16757701



12517631



8409692



0



8421504

Same Dimension

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



16711740



16728064



8418166



12517421



4194319

Inverse Universe

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



16711740



49151



8418166



12517421



4194319

Previews

White Background



This preview shows how the Decimal color 16711740 looks on a white background.

Color Contrast Check

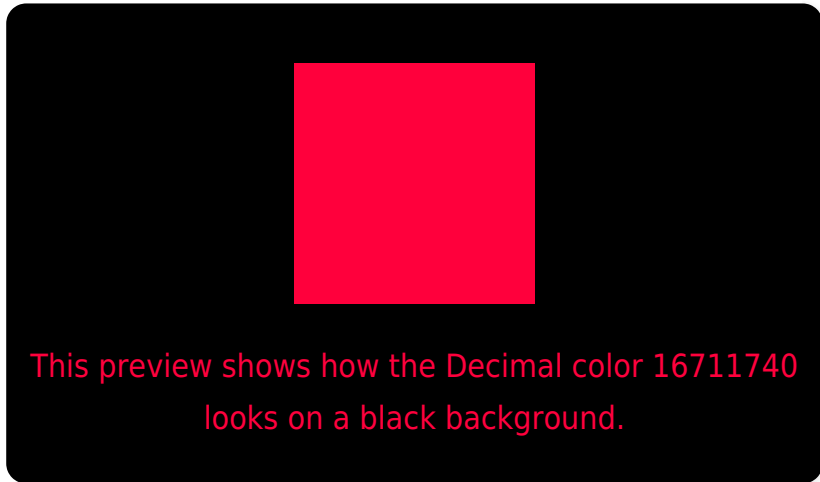
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711740 Background



This preview shows how black text looks on a background with the Decimal color 16711740.



This preview shows how white text looks on a background with the Decimal color 16711740.

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
16711740

Protanopia
9208155

Deuteranopia
10648365



Tritanopia
16652558

Trichromacy



Original Color
16711740



Protanomaly
11948624



Deuteranomaly
12865074



Tritanomaly
16650271

Monochromacy



Original Color
16711740



Achromatopsia
5460819



Achromatomaly
9581899

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711740 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 #FF003C looks like.

```
.text, #text, p{  
    color:#FF003C  
}
```

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 #FF003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF003C
}
```

Border

The CSS property to change the border of an element to Decimal 16711740 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
#FF003C }
```

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

```
.border{ border-color:#FF003C }
```

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

Here you see how a box with a 4 pixel #FF003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF003C; -webkit-box-shadow:4px 4px  
4px 4px #FF003C; box-shadow:4px 4px 4px  
4px #FF003C }
```

Background

The CSS property to change the background color of an element to Decimal 16711740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF003C }
```

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

```
.background{ background-color:#FF003C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor