

# Converting Colors

Decimal(16450380)

Have a look what the booklet for  
Decimal(16450380) contains.

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**Color**

**Decimal(16450380)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FB034C
RGB	251, 3, 76
RGB Percent	98%, 1%, 30%
CMY	0.0157, 0.9882, 0.7020
CMYK	0.00, 0.99, 0.70, 0.02
HSL	342°, 98%, 50%
HSV	342°, 99%, 98%
XYZ	41.1207, 21.0962, 8.7421
YIQ	85.4740, 124.3750, 75.2790

# Conversions

## Conversions Part 2

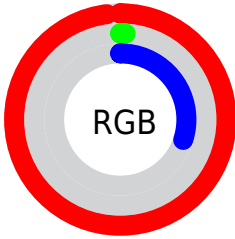
Format	Color
<a href="#">RYB</a>	<a href="#">251, 3, 76</a>
Decimal	<a href="#">16450380</a>
CIELab	<a href="#">53.05, 80.51, 32.78</a>
CIElCh	<a href="#">53, 86.929, 22.152</a>
Yxy	<a href="#">21.0962, 0.5795, 0.2973</a>
Android (android.graphics.Color)	<a href="#">4294640460 (0xFFFB034C)</a>
YUV	<a href="#">85.4740, -4.6707, 145.1663</a>
Hunter-Lab	<a href="#">45.9306, 79.4291, 20.8665</a>

# Details

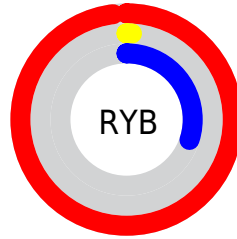
The Decimal color **16450380** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **261042**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **16736893**, and **12124193** is the 20% darker color. If you saturate the color by 10%, you get **16449610**, and if you desaturate by 10%, it is **16456798**.

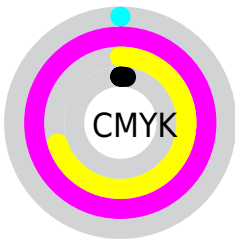
# Distribution



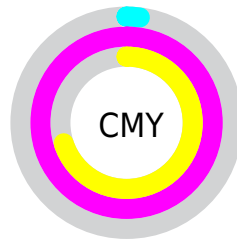
- Red (98%)
- Green (1%)
- Blue (30%)



- Red (98%)
- Yellow (1%)
- Blue (30%)



- Cyan (0%)
- Magenta (99%)
- Yellow (70%)
- Black (2%)



- Cyan (2%)
- Magenta (99%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16450380 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 16450380 by changing the saturation by 10% instead.



 16450380	 16450380
16777215	 14286902
 16736893	 12124193
 16744854	 10027021
 16752817	 7929858
 16760524	 5832708
 16768233	 3801090
 16776191	 1179648
	 0
 16450380	 16450380

■ 16449610

■ 16456798

■ 16463215

■ 16469633

■ 16476051

■ 16482725

■ 16489142

■ 16495560

■ 16501978

■ 16508395

# Harmonies

## Analogous

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



16056470



16450380



14569216

# Triad

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



16450380



38666



36607

# Complementary

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



16450380



261042

# 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.



39925



16450380



40040

# Square

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



16450380



6654720



40629



2913535

# Rectangle

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



16450380



12478976



40629



38143



# Sweetspot

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



16450380



16757705



11600891



8409695



0



8421504



# Same Dimension

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



16450380



16711755



16463107



8220788



12386360



3997714



# Inverse Universe

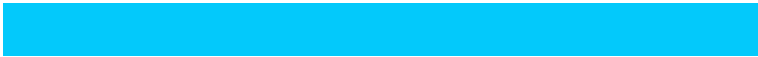
The Inverse Universe completely reimagines the original color for something new.



16450380



16711755



248315



8220788



12386360



3997714



# Previews

## White Background



This preview shows how the Decimal color 16450380 looks on a white background.

## Color Contrast Check

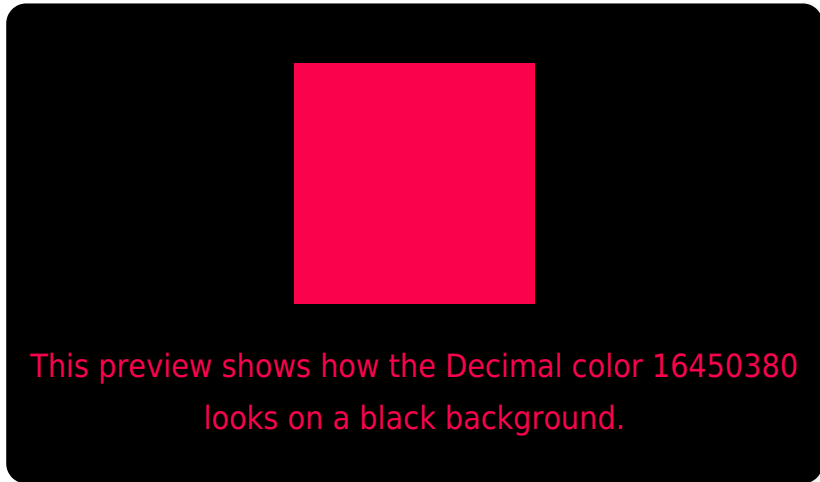
Large Text (above 18pt) WCAG AA ✓ Pass

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 16450380 Background



This preview shows how black text looks on a background with the Decimal color 16450380.

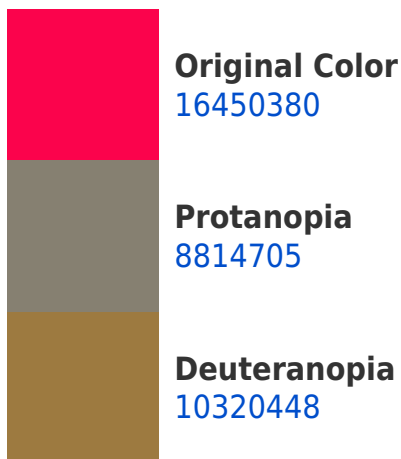


This preview shows how white text looks on a background with the Decimal color 16450380.

# 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**  
16391961

# Trichromacy



**Original Color**  
16450380



**Protanomaly**  
11621220



**Deuteranomaly**  
12537668



**Tritanomaly**  
16389420

# Monochromacy



**Original Color**  
16450380



**Achromatopsia**  
5592405



**Achromatomaly**  
9516882

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16450380 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 #FB034C looks like.

```
.text, #text, p{  
    color:#FB034C  
}
```

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 #FB034C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB034C
}
```

## Border

The CSS property to change the border of an element to Decimal 16450380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

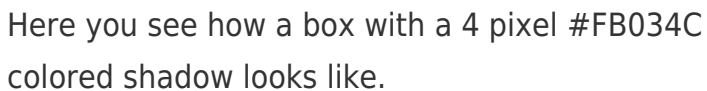
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FB034C }
```

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

```
.border{ border-color:#FB034C }
```

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



Here you see how a box with a 4 pixel #FB034C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB034C; -webkit-box-shadow:4px 4px  
4px 4px #FB034C; box-shadow:4px 4px 4px  
4px #FB034C }
```

# Background

The CSS property to change the background color of an element to Decimal 16450380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB034C }
```

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

```
.background{ background-color:#FB034C }
```

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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