

# Converting Colors

Decimal(16720384)

Have a look what the booklet for  
Decimal(16720384) contains.

<b>Decimal(16720384)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

**Color**

**Decimal(16720384)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2200
RGB	255, 34, 0
RGB Percent	100%, 13%, 0%
CMY	0.0000, 0.8667, 1.0000
CMYK	0.00, 0.87, 1.00, 0.00
HSL	8°, 100%, 50%
HSV	8°, 100%, 100%
XYZ	41.8120, 22.4041, 2.1207
YIQ	96.2030, 142.6300, 36.2780

# Conversions

## Conversions Part 2

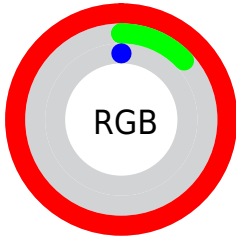
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 39, 0
Decimal	16720384
CIE <sub>Lab</sub>	54.45, 76.59, 67.66
CIE <sub>LCh</sub>	54, 102.197, 41.457
Yxy	22.4041, 0.6303, 0.3377
Android (android.graphics.Color)	4294910464 (0xFFFF2200)
YUV	96.2030, -47.4281, 139.2650
Hunter-Lab	47.3329, 74.8472, 30.4767

# Details

The Decimal color **16720384** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **56831**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **16738876**, and **12320768** is the 20% darker color. If you saturate the color by 10%, you get **16720384**, and if you desaturate by 10%, it is **16726041**.

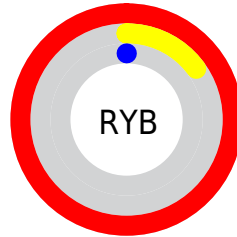
# Distribution



Red (100%)

Green (13%)

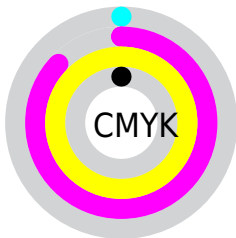
Blue (0%)



Red (100%)

Yellow (15%)

Blue (0%)

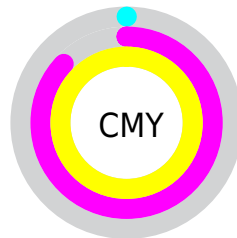


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (87%)









Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16720384 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 16720384 by changing the saturation by 10% instead.



 16720384	 16720384
 16777211	 14483456
 16738876	 12320768
 16746838	 10092544
 16754544	 7995392
 16762250	 5898243
 16769958	 3866627
 16777154	 1376256
 16777182	 0

 16720384

 16726041

 16731699

 16737357

 16743014

 16748928

 16754585

 16760243

 16765900

 16771558

# Harmonies

## Analogous

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



16711781



16720384



13265152

# Triad

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



16720384



41541



34047

# Complementary

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



16720384



56831

# 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



16720384



42403

# Square

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



16720384



39424



42231



11031551

# Rectangle

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



16720384



10191104



42231



36607



# Sweetspot

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



16720384



16760243



16711901



8411218



0



8421504



# Same Dimension

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



16720384



16753152



8418419



12523776



4196352

# Inverse Universe

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



56831



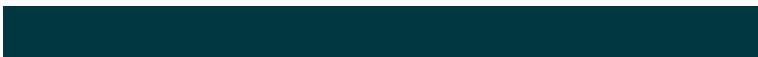
24319



7569024



42687



14144

# Previews

## White Background



This preview shows how the Decimal color 16720384 looks on a white background.

## Color Contrast Check

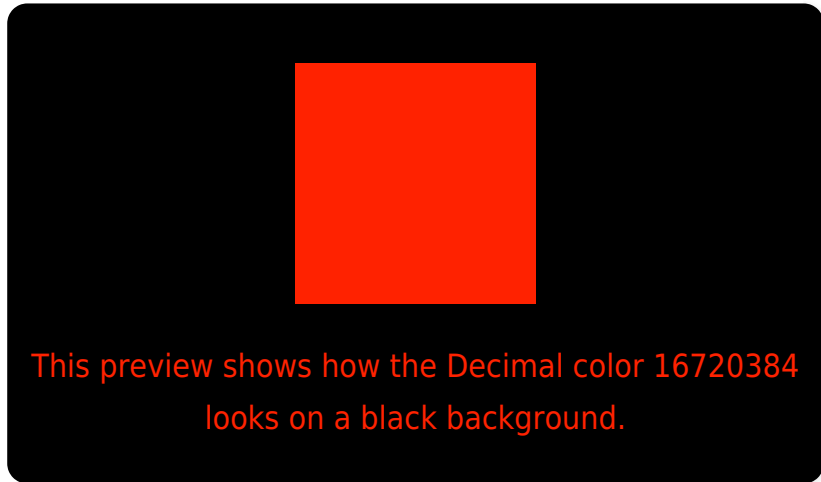
Large Text (above 18pt) WCAG AA ✓ Pass

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 16720384 Background



This preview shows how black text looks on a background with the Decimal color 16720384.



This preview shows how white text looks on a background with the Decimal color 16720384.

# 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**  
16720384

**Protanopia**  
9667360

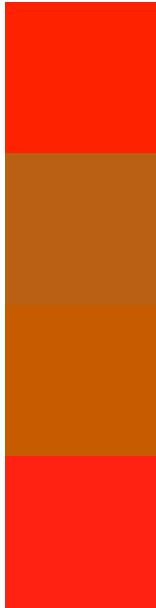
**Deuteranopia**  
10845184





**Tritanopia**  
16720156

# Trichromacy



**Original Color**  
16720384

**Protanomaly**  
12214292

**Deuteranomaly**  
12999424

**Tritanomaly**  
16720146

# Monochromacy



**Original Color**  
16720384

**Achromatopsia**  
6316128

**Achromatomaly**  
10111293

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16720384 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 #FF2200 looks like.

```
.text, #text, p{  
    color:#FF2200  
}
```

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 #FF2200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2200
}
```

## Border

The CSS property to change the border of an element to Decimal 16720384 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".

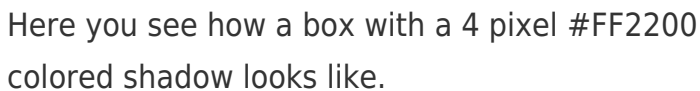
```
.border, #border, table{ border:4px solid
#FF2200 }
```

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

```
.border{ border-color:#FF2200 }
```

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

Here you see how a box with a 4 pixel #FF2200 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2200; -webkit-box-shadow:4px 4px  
4px 4px #FF2200; box-shadow:4px 4px 4px  
4px #FF2200 }
```

# Background

The CSS property to change the background color of an element to Decimal 16720384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2200 }
```

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

```
.background{ background-color:#FF2200 }
```

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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