

# Converting Colors

Decimal(16734740)

Have a look what the booklet for  
Decimal(16734740) contains.

<b>Decimal(16734740)</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> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(16734740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5A14
RGB	255, 90, 20
RGB Percent	100%, 35%, 8%
CMY	0.0000, 0.6471, 0.9216
CMYK	0.00, 0.65, 0.92, 0.00
HSL	18°, 100%, 54%
HSV	18°, 92%, 100%
XYZ	45.0224, 28.6228, 3.8136
YIQ	131.3550, 120.8100, 13.2100

# Conversions

## Conversions Part 2

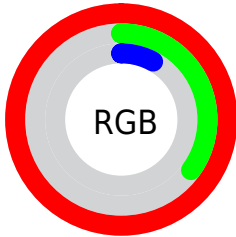
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 120, 20
Decimal	16734740
CIELab	60.45, 60.25, 66.37
CIElCh	60, 89.636, 47.767
Yxy	28.6228, 0.5812, 0.3695
Android (android.graphics.Color)	4294924820 (0xFFFF5A14)
YUV	131.3550, -54.8980, 108.4367
Hunter-Lab	53.5003, 56.5886, 33.2239

# Details

The Decimal color **16734740** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **1358335**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **16749132**, and **12392960** is the 20% darker color. If you saturate the color by 10%, you get **16731136**, and if you desaturate by 10%, it is **16739374**.

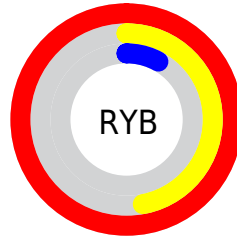
# Distribution



Red (100%)

Green (35%)

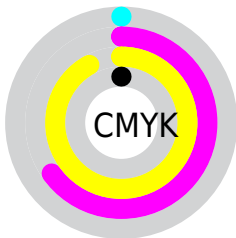
Blue (8%)



Red (100%)

Yellow (47%)

Blue (8%)

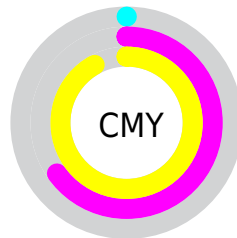


Cyan (0%)

Magenta (65%)

Yellow (92%)

Black (0%)



Cyan (0%)

Magenta (65%)












Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16734740 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 16734740 by changing the saturation by 10% instead.



 16734740	 16734740
 16777215	 14564608
 16749132	 12392960
 16756582	 10289152
 16764033	 8192000
 16771484	 6160384
 16777143	 4325379
 16777172	 2162689
 16777201	 0
 16734740	 16734740

■ 16731136

■ 16739374

■ 16744007

■ 16748641

■ 16753274

■ 16757907

■ 16762285

■ 16766919

■ 16771552

■ 16776186

# Harmonies

## Analogous

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



16720999



16734740



13337344

# Triad

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



16734740



45421



35839

# Complementary

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



16734740



1358335

# 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.



42495



16734740



46016

# Square

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



16734740



43783



45567



13459966

# Rectangle

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



16734740



10392832



45567



38655



# Sweetspot

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



16734740



16764344



16716988



8413524



0



8421504



# Same Dimension

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



16734740



16731136



16763924



8419187



12531968



4199168

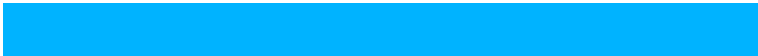


# Inverse Universe

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



1358335



46079



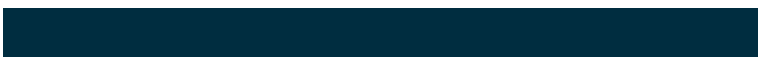
1329151



7568512



34495



11584



# Previews

## White Background



This preview shows how the Decimal color 16734740 looks on a white background.

## Color Contrast Check

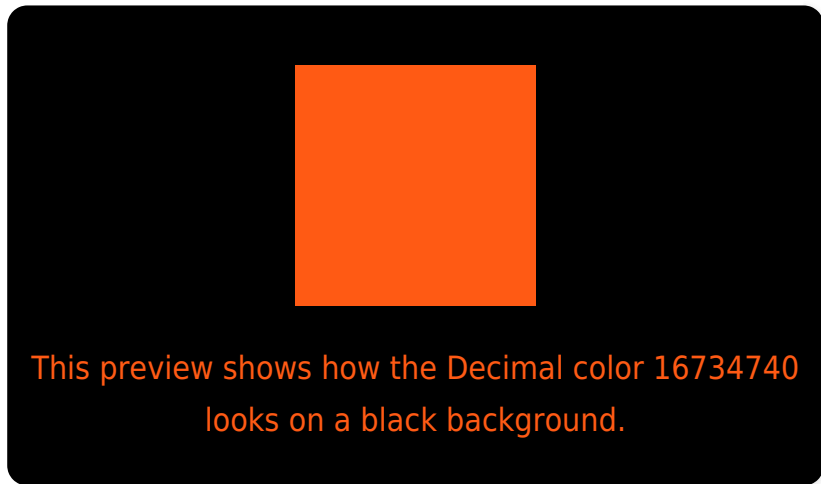
Large Text (above 18pt) WCAG AA ✓ Pass

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 16734740 Background



This preview shows how black text looks on a background with the Decimal color 16734740.



This preview shows how white text looks on a background with the Decimal color 16734740.

# 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**  
16734740

**Protanopia**  
10785315

**Deuteranopia**  
12094208



**Tritanopia**  
16733786

# Trichromacy



**Original Color**  
16734740

**Protanomaly**  
12942878

**Deuteranomaly**  
13793543

**Tritanomaly**  
16734017

# Monochromacy



**Original Color**  
16734740

**Achromatopsia**  
8618883

**Achromatomaly**  
11564123

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16734740 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 #FF5A14 looks like.

```
.text, #text, p{  
    color:#FF5A14  
}
```

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 #FF5A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5A14
}
```

## Border

The CSS property to change the border of an element to Decimal 16734740 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
#FF5A14 }
```

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

```
.border{ border-color:#FF5A14 }
```

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

Here you see how a box with a 4 pixel #FF5A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5A14; -webkit-box-shadow:4px 4px  
4px 4px #FF5A14; box-shadow:4px 4px 4px  
4px #FF5A14 }
```

# Background

The CSS property to change the background color of an element to Decimal 16734740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5A14 }
```

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

```
.background{ background-color:#FF5A14 }
```

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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