

# Converting Colors

Decimal(16734489)

Have a look what the booklet for  
Decimal(16734489) contains.

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**Color**

**Decimal(16734489)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5919
RGB	255, 89, 25
RGB Percent	100%, 35%, 10%
CMY	0.0000, 0.6510, 0.9020
CMYK	0.00, 0.65, 0.90, 0.00
HSL	17°, 100%, 55%
HSV	17°, 90%, 100%
XYZ	44.9878, 28.4749, 4.0448
YIQ	131.3380, 119.4800, 15.2880

# Conversions

## Conversions Part 2

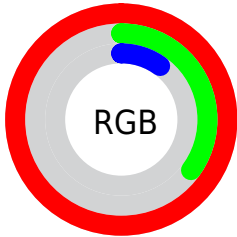
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 114, 25
Decimal	16734489
CIE <sub>Lab</sub>	60.32, 60.72, 64.85
CIE <sub>LCh</sub>	60, 88.834, 46.883
Yxy	28.4749, 0.5804, 0.3674
Android (android.graphics.Color)	4294924569 (0xFFFF5919)
YUV	131.3380, -52.4246, 108.4516
Hunter-Lab	53.3619, 57.1047, 32.8592

# Details

The Decimal color **16734489** 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 **1687551**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **16749135**, and **12392448** is the 20% darker color. If you saturate the color by 10%, you get **16729856**, and if you desaturate by 10%, it is **16739122**.

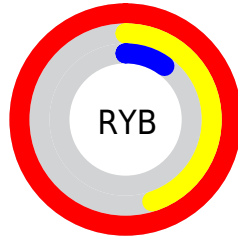
# Distribution



Red (100%)

Green (35%)

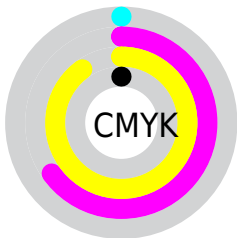
Blue (10%)



Red (100%)

Yellow (45%)

Blue (10%)

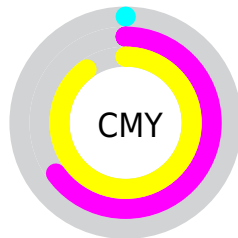


Cyan (0%)

Magenta (65%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (65%)




















Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16734489 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 16734489 by changing the saturation by 10% instead.



 16734489	 16734489
 16777215	 14564352
 16749135	 12392448
 16756329	 10289152
 16763780	 8192000
 16771231	 6160384
 16777146	 4325379
 16777175	 2162689
 16777204	 0
 16734489	 16734489

■ 16729856

■ 16739122

■ 16744012

■ 16748645

■ 16753535

■ 16758168

■ 16762802

■ 16767691

■ 16772325

16777214

# Harmonies

## Analogous

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



16721257



16734489



13402368

# Triad

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



16734489



45419



36095

# Complementary

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



16734489



1687551

# 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



16734489



46013

# Square

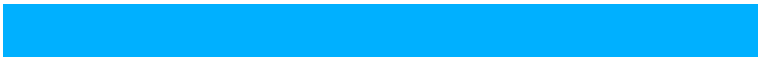
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16734489



43523



45311



13198334

# Rectangle

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



16734489



10523648



45311



38655



# Sweetspot

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



16734489



16764346



16718274



8413783



0



8421504



# Same Dimension

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



16734489



16729856



16763161



8418931



12530944



4198912



# Inverse Universe

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



1687551



47359



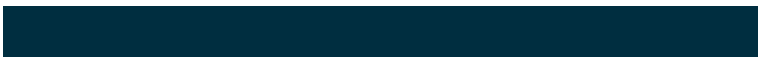
1658879



7568512



35519



11840



# Previews

## White Background



This preview shows how the Decimal color 16734489 looks on a white background.

## Color Contrast Check

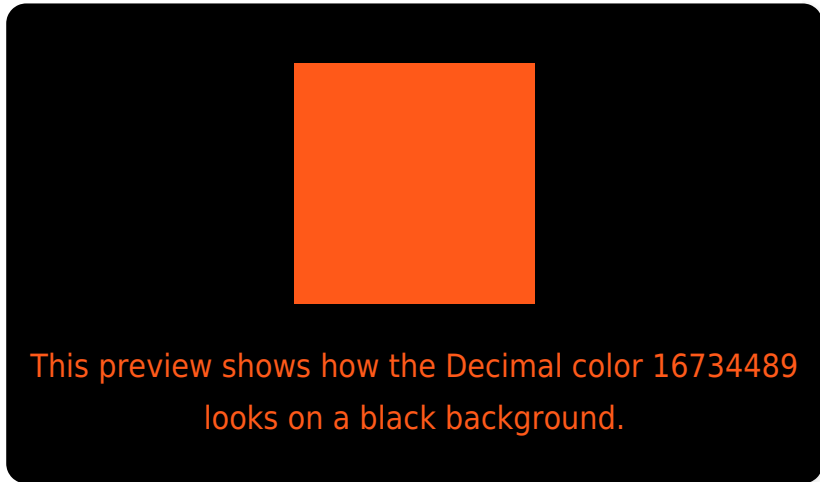
Large Text (above 18pt) WCAG AA ✓ Pass

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 16734489 Background



This preview shows how black text looks on a background with the Decimal color 16734489.



This preview shows how white text looks on a background with the Decimal color 16734489.

# 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**  
16734489

**Protanopia**  
10785319

**Deuteranopia**  
12093952



# Trichromacy



**Original Color**  
16734489

**Protanomaly**  
12942626

**Deuteranomaly**  
13793289

**Tritanomaly**  
16733762

# Monochromacy



**Original Color**  
16734489

**Achromatopsia**  
8618883

**Achromatomaly**  
11564124

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16734489 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 #FF5919 looks like.

```
.text, #text, p{  
    color:#FF5919  
}
```

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 #FF5919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5919
}
```

## Border

The CSS property to change the border of an element to Decimal 16734489 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".

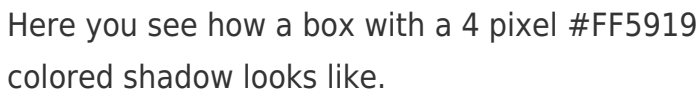
```
.border, #border, table{ border:4px solid
#FF5919 }
```

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

```
.border{ border-color:#FF5919 }
```

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

Here you see how a box with a 4 pixel #FF5919 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5919; -webkit-box-shadow:4px 4px  
4px 4px #FF5919; box-shadow:4px 4px 4px  
4px #FF5919 }
```

# Background

The CSS property to change the background color of an element to Decimal 16734489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5919 }
```

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

```
.background{ background-color:#FF5919 }
```

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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