

# Converting Colors

Decimal(16736042)

Have a look what the booklet for  
Decimal(16736042) contains.

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**Color**

**Decimal(16736042)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5F2A
RGB	255, 95, 42
RGB Percent	100%, 37%, 16%
CMY	0.0000, 0.6275, 0.8353
CMYK	0.00, 0.63, 0.84, 0.00
HSL	15°, 100%, 58%
HSV	15°, 84%, 100%
XYZ	45.7501, 29.6116, 5.4948
YIQ	136.7980, 112.3730, 17.4370

# Conversions

## Conversions Part 2

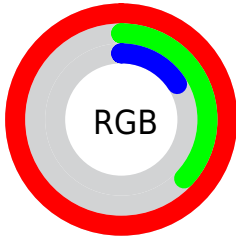
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 113, 42
Decimal	16736042
CIE Lab	61.32, 58.59, 59.40
CIE LCh	61, 83.429, 45.394
Yxy	29.6116, 0.5658, 0.3662
Android (android.graphics.Color)	4294926122 (0xFFFF5F2A)
YUV	136.7980, -46.7354, 103.6632
Hunter-Lab	54.4165, 54.8431, 32.1047

# Details

The Decimal color **16736042** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2804479**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **16750429**, and **12460544** is the 20% darker color. If you saturate the color by 10%, you get **16731152**, and if you desaturate by 10%, it is **16740931**.

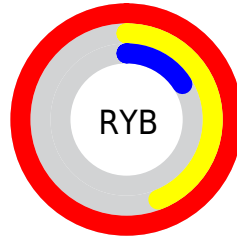
# Distribution



Red (100%)

Green (37%)

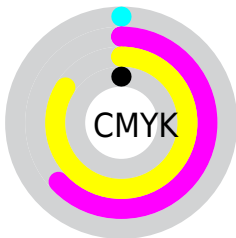
Blue (16%)



Red (100%)

Yellow (44%)

Blue (16%)

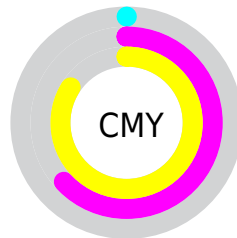


Cyan (0%)

Magenta (63%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (63%)














Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16736042 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 16736042 by changing the saturation by 10% instead.



 16736042	 16736042
 16777215	 14565902
 16750429	 12460544
 16757879	 10354688
 16765073	 8257536
 16772781	 6225920
 16777160	 4390914
 16777189	 2293761
	 0

 16736042       16736042

16731152

16740931

16727808

16745821

16750711

16755856

16760746

16765635

16770525

16775414

16777215

# Harmonies

## Analogous

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



16726386



16736042



13665024

# Triad

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



16736042



45676



37119

# Complementary

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



16736042



2804479

# 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.



43007



16736042



46265

# Square

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



16736042



2730775



45821



12938493

# Rectangle

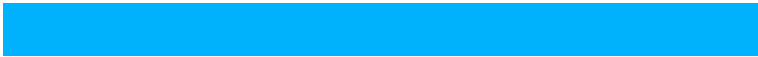
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



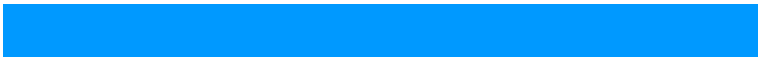
16736042



10982656



45821



39423



# Sweetspot

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



16736042



16764863



16722637



8414041



0



8421504



# Same Dimension

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



16736042



16727808



16762410



8418931



12529664

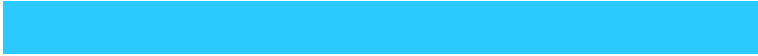


4198400



# Inverse Universe

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



2804479



49407



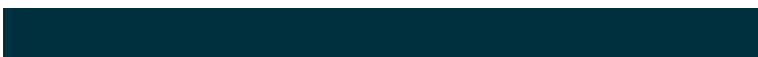
2778111



7568512



37055



12352



# Previews

## White Background



This preview shows how the Decimal color 16736042 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



This preview shows how the Decimal color 16736042 looks on a 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 16736042 Background



This preview shows how black text looks on a background with the Decimal color 16736042.



This preview shows how white text looks on a background with the Decimal color 16736042.

# Color Blindness Simulation

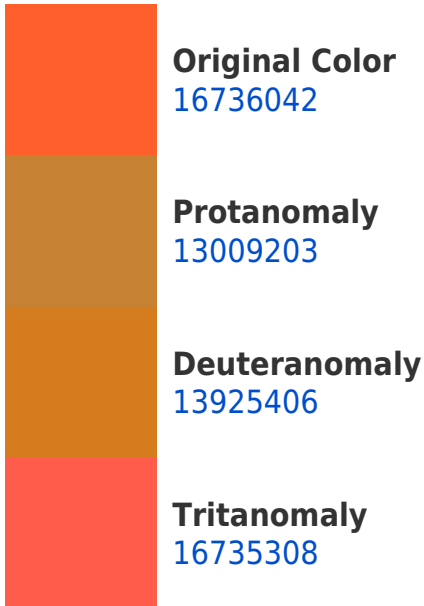
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16736042 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 #FF5F2A looks like.

```
.text, #text, p{  
    color:#FF5F2A  
}
```

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 #FF5F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5F2A
}
```

## Border

The CSS property to change the border of an element to Decimal 16736042 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
#FF5F2A }
```

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

```
.border{ border-color:#FF5F2A }
```

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

Here you see how a box with a 4 pixel #FF5F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5F2A; -webkit-box-shadow:4px 4px  
4px 4px #FF5F2A; box-shadow:4px 4px 4px  
4px #FF5F2A }
```

# Background

The CSS property to change the background color of an element to Decimal 16736042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5F2A }
```

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

```
.background{ background-color:#FF5F2A }
```

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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