

# Converting Colors

Decimal(16745771)

Have a look what the booklet for  
Decimal(16745771) contains.

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# **Color**

**Decimal(16745771)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF852B
RGB	255, 133, 43
RGB Percent	100%, 52%, 17%
CMY	0.0000, 0.4784, 0.8314
CMYK	0.00, 0.48, 0.83, 0.00
HSL	25°, 100%, 58%
HSV	25°, 83%, 100%
XYZ	50.0636, 38.2095, 7.0220
YIQ	159.2180, 101.6020, -2.1260

# Conversions

## Conversions Part 2

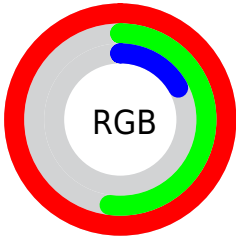
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 199, 43
Decimal	16745771
CIE <sub>Lab</sub>	68.17, 40.98, 64.92
CIE <sub>LCh</sub>	68, 76.774, 57.743
Yxy	38.2095, 0.5254, 0.4010
Android (android.graphics.Color)	4294935851 (0xFFFF852B)
YUV	159.2180, -57.2955, 84.0008
Hunter-Lab	61.8138, 36.3946, 36.5343

# Details

The Decimal color **16745771** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2860543**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16759905**, and **12538112** is the 20% darker color. If you saturate the color by 10%, you get **16741906**, and if you desaturate by 10%, it is **16749637**.

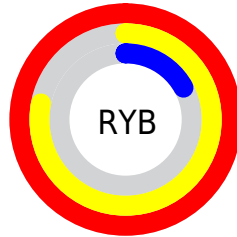
# Distribution



Red (100%)

Green (52%)

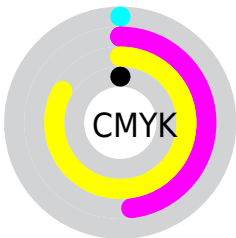
Blue (17%)



Red (100%)

Yellow (78%)

Blue (17%)

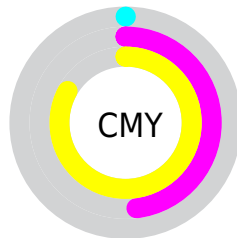


Cyan (0%)

Magenta (48%)

Yellow (83%)

Black (0%)



Cyan (0%)

Magenta (48%)



















Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16745771 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 16745771 by changing the saturation by 10% instead.



 16745771	 16745771
16777215	 14641928
 16759905	 12538112
 16767100	 10499840
 16774551	 8461568
 16777138	 6488064
 16777167	 4587520
 16777196	 2949121
	 0
 16745771	 16745771

16741906

16749637

16739328

16753246

16757112

16760977

16764587

16768452

16772318

16775927

16777215

# Harmonies

## Analogous

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



16738154



16745771



13345024

# Triad

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



16745771



50591



10000127

# Complementary

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



16745771



2860543

# 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.



45311



16745771



50661

# Square

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



16745771



49239



49151



16020977

# Rectangle

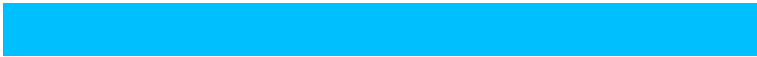
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16745771



10530560



49151



6594815



# Sweetspot

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



16745771



16767679



16722855



8415577



0



8421504



# Same Dimension

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



16745771



16739328



16772395



8419443



12538112



4201216

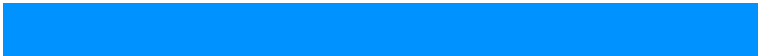


# Inverse Universe

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



2860543



37887



2833919



7568000



28351



9536



# Previews

## White Background



This preview shows how the Decimal color 16745771 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 16745771 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16745771 Background



This preview shows how black text looks on a background with the Decimal color 16745771.



This preview shows how white text looks on a background with the Decimal color 16745771.

# 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**  
16745771

**Protanopia**  
12298036

**Deuteranopia**  
13803039



# Trichromacy



**Original Color**  
16745771

**Protanomaly**  
13933361

**Deuteranomaly**  
14849315

**Tritanomaly**  
16744806

# Monochromacy



**Original Color**  
16745771

**Achromatopsia**  
10461087

**Achromatomaly**  
12752501

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16745771 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 #FF852B looks like.

```
.text, #text, p{  
    color:#FF852B  
}
```

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 #FF852B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF852B
}
```

## Border

The CSS property to change the border of an element to Decimal 16745771 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
#FF852B }
```

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

```
.border{ border-color:#FF852B }
```

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

Here you see how a box with a 4 pixel #FF852B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF852B; -webkit-box-shadow:4px 4px  
4px 4px #FF852B; box-shadow:4px 4px 4px  
4px #FF852B }
```

# Background

The CSS property to change the background color of an element to Decimal 16745771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF852B }
```

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

```
.background{ background-color:#FF852B }
```

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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