

# Converting Colors

Decimal(16745006)

Have a look what the booklet for  
Decimal(16745006) contains.

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# **Color**

**Decimal(16745006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF822E
RGB	255, 130, 46
RGB Percent	100%, 51%, 18%
CMY	0.0000, 0.4902, 0.8196
CMYK	0.00, 0.49, 0.82, 0.00
HSL	24°, 100%, 59%
HSV	24°, 82%, 100%
XYZ	49.7158, 37.4225, 7.1877
YIQ	157.7990, 101.4640, 0.3760

# Conversions

## Conversions Part 2

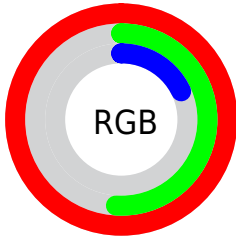
Format	Color
R <sub>Y</sub> B	255, 186, 46
Decimal	16745006
CIE Lab	67.59, 42.55, 63.30
CIE LCh	68, 76.266, 56.091
Yxy	37.4225, 0.5271, 0.3967
Android (android.graphics.Color)	4294935086 (0xFFFF822E)
YUV	157.7990, -55.1169, 85.2453
Hunter-Lab	61.1739, 38.0117, 35.8554

# Details

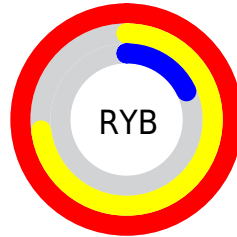
The Decimal color **16745006** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3058687**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16759139**, and **12537344** is the 20% darker color. If you saturate the color by 10%, you get **16741141**, and if you desaturate by 10%, it is **16748872**.

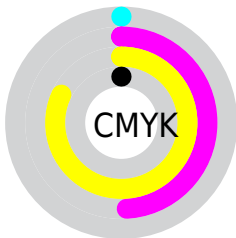
# Distribution



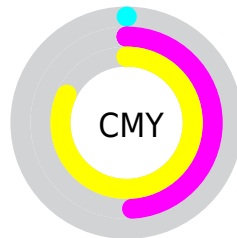
- Red (100%)
- Green (51%)
- Blue (18%)



- Red (100%)
- Yellow (73%)
- Blue (18%)



- Cyan (0%)
- Magenta (49%)
- Yellow (82%)
- Black (0%)















- Cyan (0%)
- Magenta (49%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16745006 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 16745006 by changing the saturation by 10% instead.



 16745006	 16745006
16777215	 14641167
 16759139	 12537344
 16766334	 10499072
 16773785	 8460288
 16777140	 6488064
 16777169	 4587520
 16777198	 2883585
	 0
 16745006	 16745006

16741141

16748872

16737792

16752993

16756859

16760724

16764590

16768711

16772577

16776442

16777215

# Harmonies

## Analogous

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



16737389



16745006



13409792

# Triad

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



16745006



50073



9475839

# Complementary

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



16745006



3058687

# 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



16745006



50399

# Square

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



16745006



48723



48895



15627762

# Rectangle

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



16745006



10661120



48895



5742847

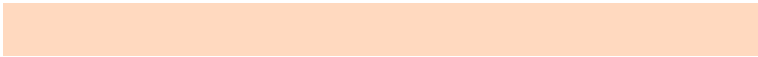


# Sweetspot

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



16745006



16767423



16723627



8415577



0



8421504



# Same Dimension

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



16745006



16738821



16771630



8419443



12537088



4200960

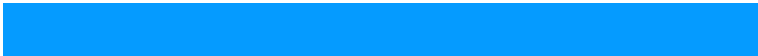


# Inverse Universe

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



3058687



367615



3032063



7568000



29375



9792



# Previews

## White Background



This preview shows how the Decimal color 16745006 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 16745006 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 16745006 Background



This preview shows how black text looks on a background with the Decimal color 16745006.



This preview shows how white text looks on a background with the Decimal color 16745006.

# 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**  
16745006

**Protanopia**  
12166455

**Deuteranopia**  
13671715



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16745006 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 #FF822E looks like.

```
.text, #text, p{  
  color:#FF822E  
}
```

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 #FF822E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF822E
}
```

## Border

The CSS property to change the border of an element to Decimal 16745006 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
#FF822E }
```

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

```
.border{ border-color:#FF822E }
```

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

Here you see how a box with a 4 pixel #FF822E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF822E; -webkit-box-shadow:4px 4px  
4px 4px #FF822E; box-shadow:4px 4px 4px  
4px #FF822E }
```

# Background

The CSS property to change the background color of an element to Decimal 16745006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF822E }
```

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

```
.background{ background-color:#FF822E }
```

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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