

# Converting Colors

Decimal(16739880)

Have a look what the booklet for  
Decimal(16739880) contains.

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# **Color**

**Decimal(16739880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6E28
RGB	255, 110, 40
RGB Percent	100%, 43%, 16%
CMY	0.0000, 0.5686, 0.8431
CMYK	0.00, 0.57, 0.84, 0.00
HSL	20°, 100%, 58%
HSV	20°, 84%, 100%
XYZ	47.1989, 32.5651, 5.8055
YIQ	145.3750, 108.8900, 8.9700

# Conversions

## Conversions Part 2

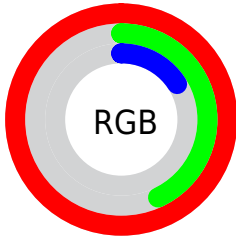
Format	Color
R <sub>Y</sub> B	255, 144, 40
Decimal	16739880
CIE Lab	63.81, 51.95, 62.32
CIE LCh	64, 81.134, 50.187
Yxy	32.5651, 0.5516, 0.3806
Android (android.graphics.Color)	4294929960 (0xFFFF6E28)
YUV	145.3750, -51.9499, 96.1411
Hunter-Lab	57.0658, 47.7716, 33.9143

# Details

The Decimal color **16739880** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **2669055**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **16754012**, and **12465920** is the 20% darker color. If you saturate the color by 10%, you get **16735503**, and if you desaturate by 10%, it is **16744258**.

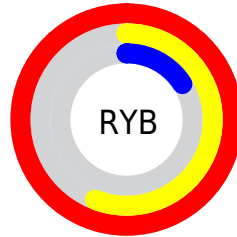
# Distribution



Red (100%)

Green (43%)

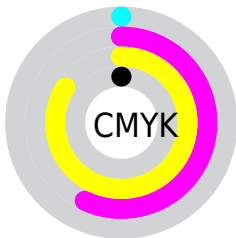
Blue (16%)



Red (100%)

Yellow (56%)

Blue (16%)

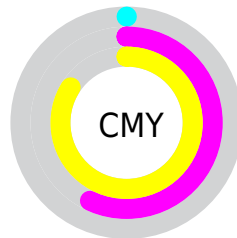


Cyan (0%)

Magenta (57%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (57%)



















Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16739880 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 16739880 by changing the saturation by 10% instead.



 16739880	 16739880
16777215	 14570247
 16754012	 12465920
 16761207	 10426112
 16768657	 8323072
 16776109	 6356992
 16777161	 4456449
 16777189	 2555905
	 0
 16739880	 16739880

16735503

16744258

16732928

16748635

16753269

16757646

16762024

16766401

16770779

16775412

16777215

# Harmonies

## Analogous

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



16731245



16739880



13537024

# Triad

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



16739880



47488



6001407

# Complementary

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



16739880



2669055

# 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.



43775



16739880



48075

# Square

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



16739880



1422131



47103



14184184

# Rectangle

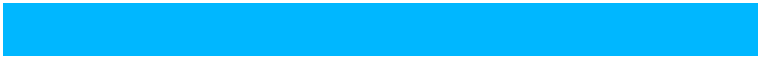
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



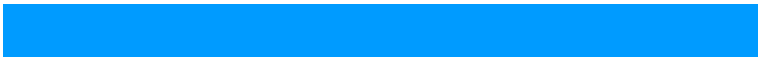
16739880



10788608



47103



39935



# Sweetspot

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



16739880



16766143



16722107



8414809



0



8421504



# Same Dimension

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



16739880



16732928



16767016



8419187



12533248



4199680



# Inverse Universe

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



2669055



44287



2641919



7568256



33215



11072



# Previews

## White Background



This preview shows how the Decimal color 16739880 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 16739880 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 16739880 Background



This preview shows how black text looks on a background with the Decimal color 16739880.



This preview shows how white text looks on a background with the Decimal color 16739880.

# 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**  
16739880

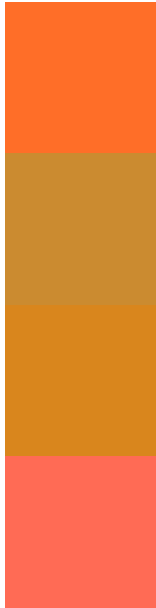
**Protanopia**  
11377460

**Deuteranopia**  
12882710



**Tritanopia**  
16738671

# Trichromacy



**Original Color**  
16739880

**Protanomaly**  
13339440

**Deuteranomaly**  
14255645

**Tritanomaly**  
16739157

# Monochromacy



**Original Color**  
16739880

**Achromatopsia**  
9539985

**Achromatomaly**  
12158059

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16739880 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 #FF6E28 looks like.

```
.text, #text, p{  
    color:#FF6E28  
}
```

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 #FF6E28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6E28
}
```

## Border

The CSS property to change the border of an element to Decimal 16739880 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
#FF6E28 }
```

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

```
.border{ border-color:#FF6E28 }
```

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

Here you see how a box with a 4 pixel #FF6E28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6E28; -webkit-box-shadow:4px 4px  
4px 4px #FF6E28; box-shadow:4px 4px 4px  
4px #FF6E28 }
```

# Background

The CSS property to change the background color of an element to Decimal 16739880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6E28 }
```

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

```
.background{ background-color:#FF6E28 }
```

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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