

# Converting Colors

Decimal(16744492)

Have a look what the booklet for  
Decimal(16744492) contains.

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# **Color**

**Decimal(16744492)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF802C
RGB	255, 128, 44
RGB Percent	100%, 50%, 17%
CMY	0.0000, 0.4980, 0.8275
CMYK	0.00, 0.50, 0.83, 0.00
HSL	24°, 100%, 59%
HSV	24°, 83%, 100%
XYZ	49.4138, 36.8802, 6.8971
YIQ	156.3970, 102.6560, 0.8000

# Conversions

## Conversions Part 2

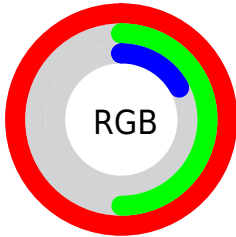
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	255, 184, 44
Decimal	16744492
CIELab	67.19, 43.48, 63.70
CIElCh	67, 77.124, 55.684
Yxy	36.8802, 0.5302, 0.3957
Android (android.graphics.Color)	4294934572 (0xFFFF802C)
YUV	156.3970, -55.4117, 86.4748
Hunter-Lab	60.7291, 38.9653, 35.7767

# Details

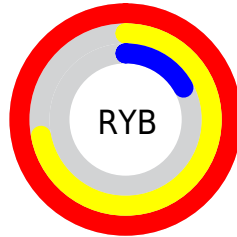
The Decimal color **16744492** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2927615**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **16758625**, and **12536832** is the 20% darker color. If you saturate the color by 10%, you get **16740627**, and if you desaturate by 10%, it is **16748358**.

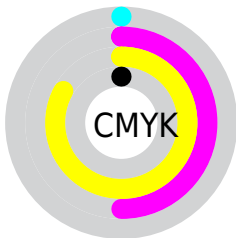
# Distribution



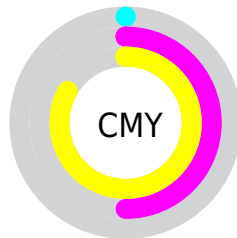
- Red (100%)
- Green (50%)
- Blue (17%)



- Red (100%)
- Yellow (72%)
- Blue (17%)



- Cyan (0%)
- Magenta (50%)
- Yellow (83%)
- Black (0%)



















- Cyan (0%)
- Magenta (50%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16744492 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 16744492 by changing the saturation by 10% instead.



 16744492	 16744492
16777215	 14640651
 16758625	 12536832
 16765820	 10498560
 16773271	 8459520
 16777139	 6488064
 16777167	 4587520
 16777196	 2883585
	 0

 16744492	 16744492
--	--

16740627

16748358

16737792

16752479

16756345

16760210

16764332

16768197

16772063

16776184

16777215

# Harmonies

## Analogous

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



16736876



16744492



13409536

# Triad

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



16744492



49815



9213439

# Complementary

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



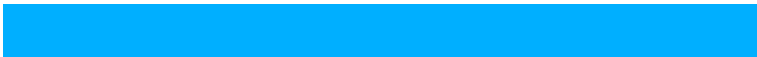
16744492



2927615

# 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.



45055



16744492



50142

# Square

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



16744492



48464



48639



15561971

# Rectangle

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



16744492



10660864



48639



5218303



# Sweetspot

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



16744492



16767423



16723118



8415321



0



8421504



# Same Dimension

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



16744492



16738051



16770604



8419443



12536832



4200704



# Inverse Universe

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



2927615



236287



2901503



7568000



29631



9792



# Previews

## White Background



This preview shows how the Decimal color 16744492 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 16744492 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 16744492 Background



This preview shows how black text looks on a background with the Decimal color 16744492.



This preview shows how white text looks on a background with the Decimal color 16744492.

# 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**  
16744492

**Protanopia**  
12100661

**Deuteranopia**  
13605920



# Trichromacy



**Original Color**  
16744492

**Protanomaly**  
13801266

**Deuteranomaly**  
14717476

**Tritanomaly**  
16743523

# Monochromacy



**Original Color**  
16744492

**Achromatopsia**  
10263708

**Achromatomaly**  
12620403

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16744492 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 #FF802C looks like.

```
.text, #text, p{  
  color:#FF802C  
}
```

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 #FF802C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF802C
}
```

## Border

The CSS property to change the border of an element to Decimal 16744492 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
#FF802C }
```

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

```
.border{ border-color:#FF802C }
```

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

Here you see how a box with a 4 pixel #FF802C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF802C; -webkit-box-shadow:4px 4px  
4px 4px #FF802C; box-shadow:4px 4px 4px  
4px #FF802C }
```

# Background

The CSS property to change the background color of an element to Decimal 16744492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF802C }
```

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

```
.background{ background-color:#FF802C }
```

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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