

# Converting Colors

Decimal(16738584)

Have a look what the booklet for  
Decimal(16738584) contains.

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# **Color**

**Decimal(16738584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6918
RGB	255, 105, 24
RGB Percent	100%, 41%, 9%
CMY	0.0000, 0.5882, 0.9059
CMYK	0.00, 0.59, 0.91, 0.00
HSL	21°, 100%, 55%
HSV	21°, 91%, 100%
XYZ	46.4564, 31.4291, 4.4821
YIQ	140.6160, 115.4010, 6.6090

# Conversions

## Conversions Part 2

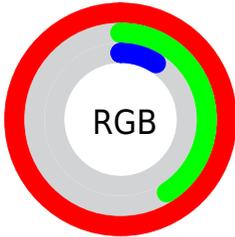
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 149, 24
Decimal	16738584
CIE Lab	62.87, 53.91, 66.92
CIE LCh	63, 85.935, 51.148
Yxy	31.4291, 0.5640, 0.3816
Android (android.graphics.Color)	4294928664 (0xFFFF6918)
YUV	140.6160, -57.4917, 100.3148
Hunter-Lab	56.0617, 49.8091, 34.5030

# Details

The Decimal color **16738584** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **1617663**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **16752720**, and **12464384** is the 20% darker color. If you saturate the color by 10%, you get **16734464**, and if you desaturate by 10%, it is **16742961**.

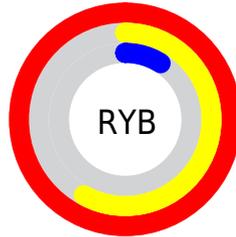
# Distribution



Red (100%)

Green (41%)

Blue (9%)



Red (100%)

Yellow (58%)

Blue (9%)

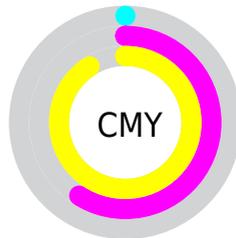


Cyan (0%)

Magenta (59%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16738584 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 16738584 by changing the saturation by 10% instead.



 16738584	 16738584
16777215	 14568960
 16752720	 12464384
 16759914	 10357760
 16767365	 8257536
 16775073	 6291456
 16777149	 4390913
 16777177	 2424833
 16777206	 0
 16738584	 16738584

16734464

16742961

16747083

16751460

16755582

16759959

16764081

16768459

16772580

16776957

# Harmonies

## Analogous

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



16727910



16738584



13274368

# Triad

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



16738584



47230



5541631

# Complementary

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



16738584



1617663

# 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.



43263



16738584



47565

# Square

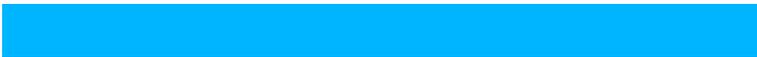
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16738584



45611



46591



14378745

# Rectangle

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



16738584



10395136



46591



39167



# Sweetspot

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



16738584



16765626



16717998



8414551



0



8421504



# Same Dimension

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



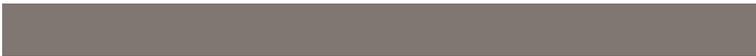
16738584



16734464



16768024



8419187



12534528



4199936



# Inverse Universe

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



1617663



42751



1588223



7568256



31935

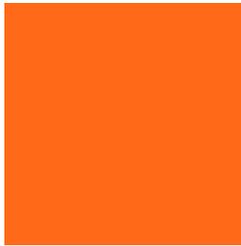


10560



# Previews

## White Background



This preview shows how the Decimal color 16738584 looks on a white background.

## Color Contrast Check

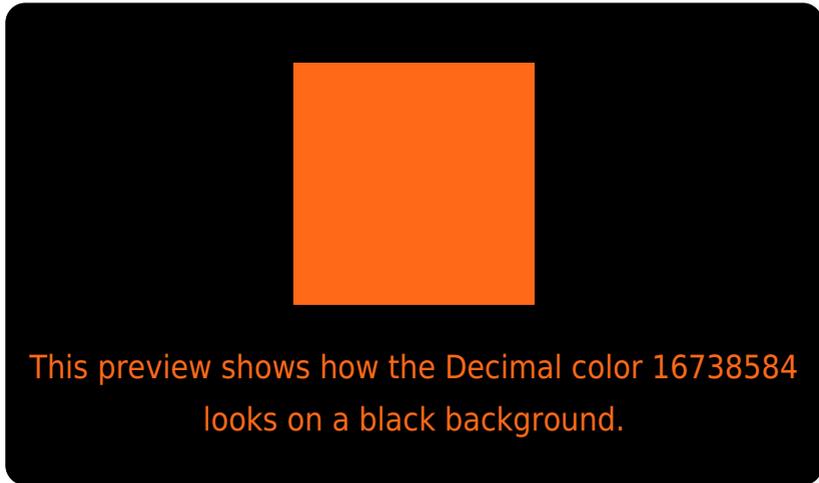
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 16738584 Background



This preview shows how black text looks on a background with the Decimal color 16738584.



This preview shows how white text looks on a background with the Decimal color 16738584.

# 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](#).

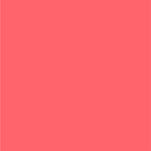
## Dichromacy



**Original Color**  
16738584

**Protanopia**  
11245861

**Deuteranopia**  
12685568



**Tritanopia**  
16737386

# Trichromacy



**Original Color**  
16738584

**Protanomaly**  
13273120

**Deuteranomaly**  
14189065

**Tritanomaly**  
16737868

# Monochromacy



**Original Color**  
16738584

**Achromatopsia**  
9276813

**Achromatomaly**  
11960418

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16738584 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 #FF6918 looks like.

```
.text, #text, p{  
  color:#FF6918  
}
```

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 #FF6918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6918
}
```

## Border

The CSS property to change the border of an element to Decimal 16738584 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
#FF6918 }
```

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

```
.border{ border-color:#FF6918 }
```

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

Here you see how a box with a 4 pixel #FF6918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6918; -webkit-box-shadow:4px 4px  
4px 4px #FF6918; box-shadow:4px 4px 4px  
4px #FF6918 }
```

# Background

The CSS property to change the background color of an element to Decimal 16738584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6918 }
```

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

```
.background{ background-color:#FF6918 }
```

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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