

# Converting Colors

Decimal(16215304)

Have a look what the booklet for  
Decimal(16215304) contains.

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# **Color**

**Decimal(16215304)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F76D08
RGB	247, 109, 8
RGB Percent	97%, 43%, 3%
CMY	0.0314, 0.5725, 0.9686
CMYK	0.00, 0.56, 0.97, 0.03
HSL	25°, 94%, 50%
HSV	25°, 97%, 97%
XYZ	43.8702, 30.7290, 3.8488
YIQ	138.7480, 114.6690, -2.1550

# Conversions

## Conversions Part 2

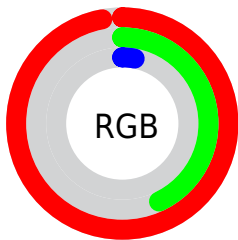
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 183, 8
Decimal	16215304
CIE <sub>Lab</sub>	62.28, 49.00, 69.32
CIE <sub>LCh</sub>	62, 84.896, 54.745
Yxy	30.7290, 0.5592, 0.3917
Android (android.graphics.Color)	4294405384 (0xFFFF76D08)
YUV	138.7480, -64.4588, 94.9370
Hunter-Lab	55.4337, 44.2559, 34.6871

# Details

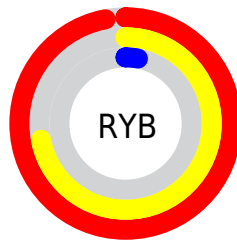
The Decimal color **16215304** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **561911**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **16753480**, and **11941632** is the 20% darker color. If you saturate the color by 10%, you get **16214016**, and if you desaturate by 10%, it is **16218913**.

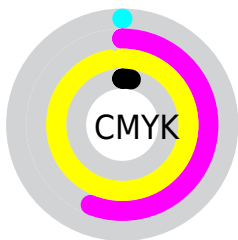
# Distribution



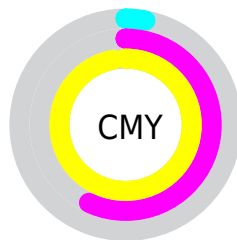
- Red (97%)
- Green (43%)
- Blue (3%)



- Red (97%)
- Yellow (72%)
- Blue (3%)



- Cyan (0%)
- Magenta (56%)
- Yellow (97%)
- Black (3%)






















- Cyan (3%)
- Magenta (57%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16215304 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 16215304 by changing the saturation by 10% instead.



 16215304	 16215304
16777215	 14045696
 16753480	 11941632
 16760931	 9902592
 16768126	 7864320
 16775577	 5832704
 16777141	 4063233
 16777170	 1900545
 16777199	 0
 16215304	 16215304

■ 16214016

■ 16218913

■ 16222777

■ 16226386

■ 16229995

■ 16233603

■ 16237468

■ 16241077

■ 16244686

■ 16248294

# Harmonies

## Analogous

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



16729181



16215304



12685056

# Triad

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



16215304



46726



7309567

# Complementary

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



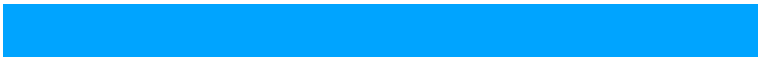
16215304



561911

# 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.



42239



16215304



47060

# Square

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



16215304



45366



45823



14835951

# Rectangle

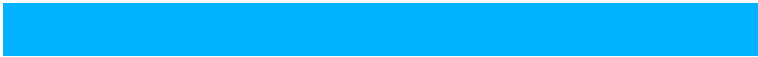
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16215304



9674496



45823



37887



# Sweetspot

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



16215304



16766133



16189587



8414803



0



8421504



# Same Dimension

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



16215304



16739328



16245512



8024942



12209920



3873024

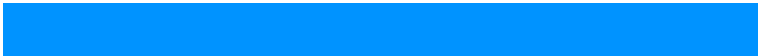


# Inverse Universe

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



561911



37887



531703



7239034



27578



8763



# Previews

## White Background



This preview shows how the Decimal color 16215304 looks on a white background.

## Color Contrast Check

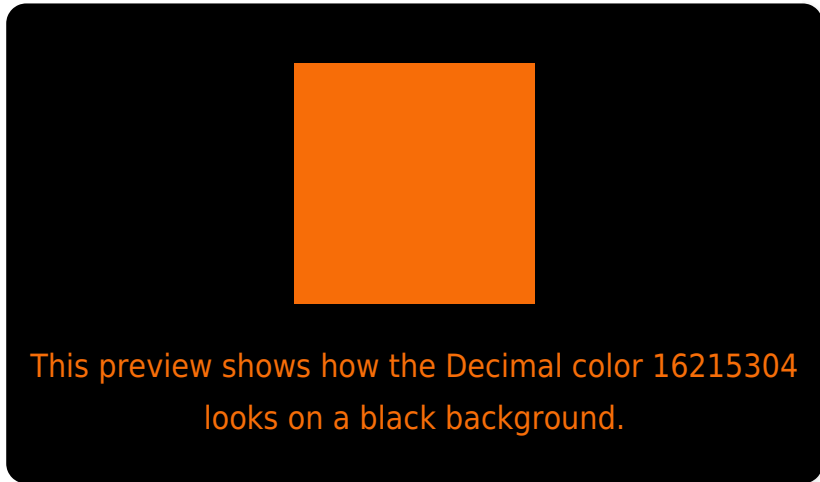
Large Text (above 18pt) WCAG AA × Fail

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 16215304 Background



This preview shows how black text looks on a background with the Decimal color 16215304.



This preview shows how white text looks on a background with the Decimal color 16215304.

# 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**  
16215304

**Protanopia**  
11179801

**Deuteranopia**  
12553984



**Tritanopia**  
16409964

# Trichromacy



**Original Color**  
16215304

**Protanomaly**  
13010963

**Deuteranomaly**  
13861635

**Tritanomaly**  
16345160

# Monochromacy



**Original Color**  
16215304

**Achromatopsia**  
9145227

**Achromatomaly**  
11698267

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16215304 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 #F76D08 looks like.

```
.text, #text, p{  
    color:#F76D08  
}
```

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 #F76D08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76D08
}
```

## Border

The CSS property to change the border of an element to Decimal 16215304 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
#F76D08 }
```

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

```
.border{ border-color:#F76D08 }
```

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

Here you see how a box with a 4 pixel #F76D08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76D08; -webkit-box-shadow:4px 4px  
4px 4px #F76D08; box-shadow:4px 4px 4px  
4px #F76D08 }
```

# Background

The CSS property to change the background color of an element to Decimal 16215304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76D08 }
```

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

```
.background{ background-color:#F76D08 }
```

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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