

# Converting Colors

Decimal(15758592)

Have a look what the booklet for  
Decimal(15758592) contains.

|  |    |
|--|----|
| <b>Decimal(15758592)</b> .....                 | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Decimal(15758592)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | F07500                       |
| RGB         | 240, 117, 0                  |
| RGB Percent | 94%, 46%, 0%                 |
| CMY         | 0.0588, 0.5412, 1.0000       |
| CMYK        | 0.00, 0.51, 1.00, 0.06       |
| HSL         | 29°, 100%, 47%               |
| HSV         | 29°, 100%, 94%               |
| XYZ         | 42.2965, 31.2478, 3.8022     |
| YIQ         | 140.4390, 110.8650, -10.3110 |

# Conversions

## Conversions Part 2

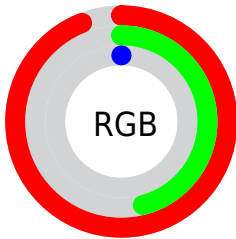
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 240, 228, 0                    |
| Decimal                             | 15758592                       |
| CIELab                              | 62.72, 42.44, 70.35            |
| CIElCh                              | 63, 82.156, 58.899             |
| Yxy                                 | 31.2478, 0.5468,<br>0.4040     |
| Android<br>(android.graphics.Color) | 4293948672<br>(0xFFFF07500)    |
| YUV                                 | 140.4390, -69.2364,<br>87.3150 |
| Hunter-Lab                          | 55.8998, 37.2371,<br>35.0971   |

# Details

The Decimal color **15758592** 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 **31728**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **16755526**, and **11550976** is the 20% darker color. If you saturate the color by 10%, you get **15758592**, and if you desaturate by 10%, it is **15761688**.

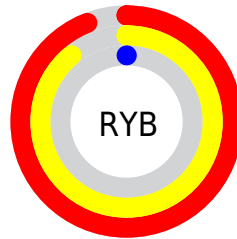
# Distribution



Red (94%)

Green (46%)

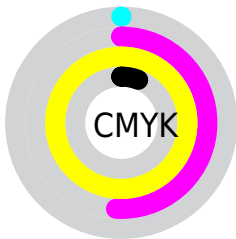
Blue (0%)



Red (94%)

Yellow (89%)

Blue (0%)

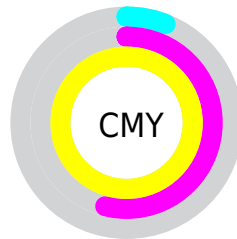


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (54%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15758592 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 15758592 by changing the saturation by 10% instead.



|  |  |
|--|--|
|  15758592   |  15758592 |
| 16777215   |  13654784 |
|  16755526   |  11550976 |
|  16762721   |  9512704  |
|  16769916   |  7472896  |
|  16777112   |  5570560  |
|  16777140   |  3735553  |
|  16777168  |  1507328 |
|  16777197 |  0      |
|  15758592 |  |

 15761688

 15765040

 15768136

 15771232

 15774584

 15777680

 15780776

 15783872

 15787224

# Harmonies

## Analogous

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



16731990



15758592



12162048

# Triad

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



15758592



46995



9078271

# Complementary

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



15758592



31728

# 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.



41727



15758592



47069

# Square

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



15758592



45638



45823



15425252

# Rectangle

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



15758592



9150976



45823



4821247



# Sweetspot

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



15758592



16767155



15728764



8415314



0



8421504



# Same Dimension

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



15758592



16743424



15789056



7893612



12081664



3676928



# Inverse Universe

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



31728



33791



1264



7107192



24248



7480



# Previews

## White Background



This preview shows how the Decimal color 15758592 looks on a white background.

## Color Contrast Check

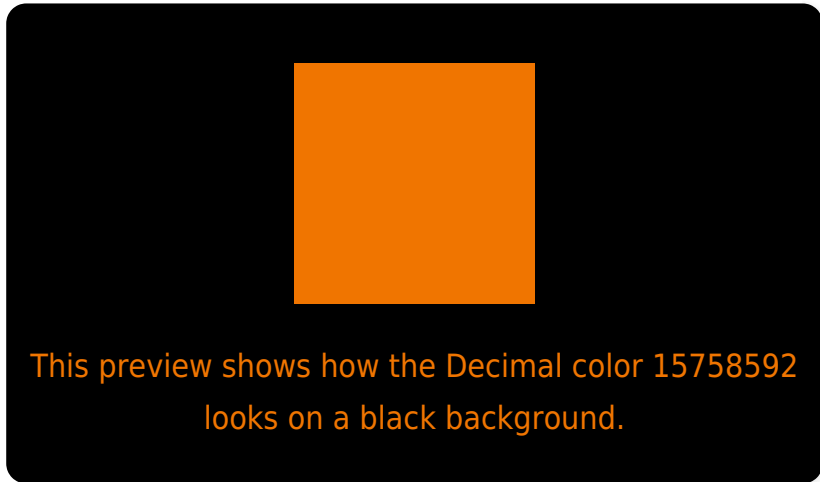
Large Text (above 18pt) WCAG AA × Fail

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 15758592 Background



This preview shows how black text looks on a background with the Decimal color 15758592.



This preview shows how white text looks on a background with the Decimal color 15758592.

# 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



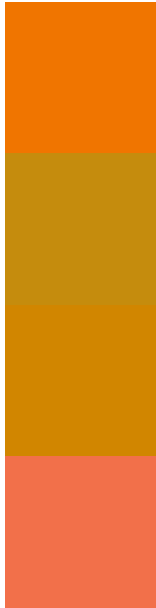
**Original Color**  
15758592

**Protanopia**  
11311381

**Deuteranopia**  
12619776



# Trichromacy



**Original Color**  
15758592

**Protanomaly**  
12946445

**Deuteranomaly**  
13731328

**Tritanomaly**  
15888458

# Monochromacy



**Original Color**  
15758592

**Achromatopsia**  
9211020

**Achromatomaly**  
11568217

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15758592 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 #F07500 looks like.

```
.text, #text, p{  
    color:#F07500  
}
```

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 #F07500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F07500
}
```

## Border

The CSS property to change the border of an element to Decimal 15758592 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
#F07500 }
```

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

```
.border{ border-color:#F07500 }
```

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

Here you see how a box with a 4 pixel #F07500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F07500; -webkit-box-shadow:4px 4px  
4px 4px #F07500; box-shadow:4px 4px 4px  
4px #F07500 }
```

# Background

The CSS property to change the background color of an element to Decimal 15758592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F07500 }
```

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

```
.background{ background-color:#F07500 }
```

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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