

# Converting Colors

Decimal(15881472)

Have a look what the booklet for  
Decimal(15881472) contains.

<b>Decimal(15881472)</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(15881472)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F25500
RGB	242, 85, 0
RGB Percent	95%, 33%, 0%
CMY	0.0510, 0.6667, 1.0000
CMYK	0.00, 0.65, 1.00, 0.05
HSL	21°, 100%, 47%
HSV	21°, 100%, 95%
XYZ	39.8664, 25.3742, 2.7965
YIQ	122.2530, 120.8570, 6.8490

# Conversions

## Conversions Part 2

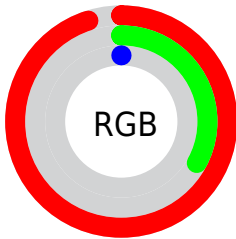
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 131, 0
Decimal	15881472
CIE <sub>Lab</sub>	57.44, 57.73, 67.61
CIE <sub>LCh</sub>	57, 88.905, 49.505
Yxy	25.3742, 0.5860, 0.3729
Android (android.graphics.Color)	4294071552 (0xFFFF25500)
YUV	122.2530, -60.2707, 105.0181
Hunter-Lab	50.3729, 53.1173, 31.9694

# Details

The Decimal color **15881472** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **40434**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **16747841**, and **11605248** is the 20% darker color. If you saturate the color by 10%, you get **15881472**, and if you desaturate by 10%, it is **15885592**.

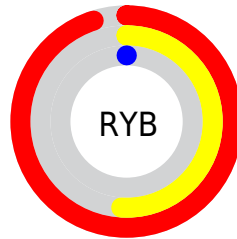
# Distribution



Red (95%)

Green (33%)

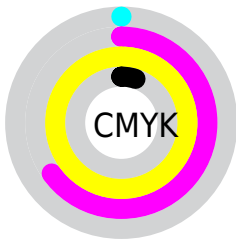
Blue (0%)



Red (95%)

Yellow (51%)

Blue (0%)

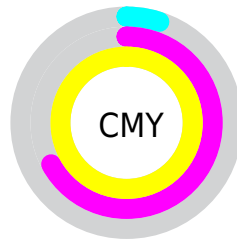


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (67%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15881472 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 15881472 by changing the saturation by 10% instead.



 15881472	 15881472
16777215	 13711360
 16747841	 11605248
 16755035	 9502720
 16762486	 7405568
 16769937	 5439488
 16777132	 3604482
 16777160	 589824
 16777189	 0

 15881472

 15885592

 15889456

 15893577

 15897697

 15901561

 15905681

 15909801

 15913922

 15917786

# Harmonies

## Analogous

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



16717660



15881472



12483840

# Triad

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



15881472



43371



99071

# Complementary

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



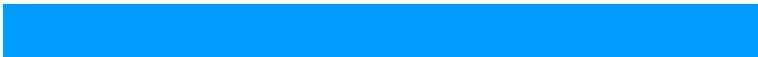
15881472



40434

# 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.



40191



15881472



43964

# Square

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



15881472



41734



43263



13194992

# Rectangle

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



15881472



9539328



43263



36095



# Sweetspot

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



15881472



16764339



15859869



8413778



0



8421504



# Same Dimension

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



15881472



16734720



15912448



7893100



12075008



3675136



# Inverse Universe

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



40434



42495



9458



7107704



30648



9272



# Previews

## White Background



This preview shows how the Decimal color 15881472 looks on a white background.

## Color Contrast Check

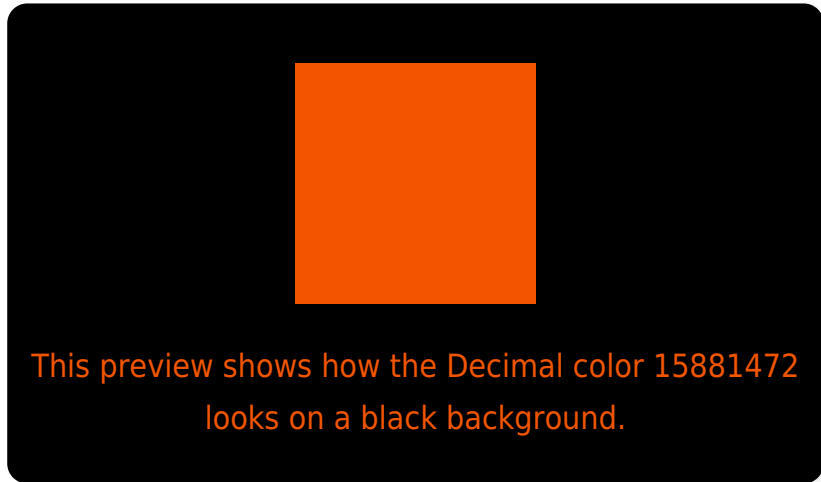
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15881472 Background



This preview shows how black text looks on a background with the Decimal color 15881472.



This preview shows how white text looks on a background with the Decimal color 15881472.

# 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**  
15881472

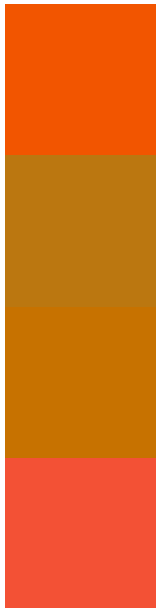
**Protanopia**  
10259225

**Deuteranopia**  
11502336



**Tritanopia**  
16011091

# Trichromacy



**Original Color**  
15881472

**Protanomaly**  
12285712

**Deuteranomaly**  
13070848

**Tritanomaly**  
15946037

# Monochromacy



**Original Color**  
15881472

**Achromatopsia**  
8026746

**Achromatomaly**  
10906958

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15881472 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 #F25500 looks like.

```
.text, #text, p{  
  color:#F25500  
}
```

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 #F25500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F25500
}
```

## Border

The CSS property to change the border of an element to Decimal 15881472 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
#F25500 }
```

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

```
.border{ border-color:#F25500 }
```

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

Here you see how a box with a 4 pixel #F25500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F25500; -webkit-box-shadow:4px 4px  
4px 4px #F25500; box-shadow:4px 4px 4px  
4px #F25500 }
```

# Background

The CSS property to change the background color of an element to Decimal 15881472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F25500 }
```

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

```
.background{ background-color:#F25500 }
```

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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