

# Converting Colors

Decimal(15881509)

Have a look what the booklet for  
Decimal(15881509) contains.

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# Color

**Decimal(15881509)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F25525                      |
| RGB         | 242, 85, 37                 |
| RGB Percent | 95%, 33%, 15%               |
| CMY         | 0.0510, 0.6667, 0.8549      |
| CMYK        | 0.00, 0.65, 0.85, 0.05      |
| HSL         | 14°, 89%, 55%               |
| HSV         | 14°, 85%, 95%               |
| XYZ         | 40.2004, 25.5078, 4.5550    |
| YIQ         | 126.4710, 108.9800, 18.3560 |

# Conversions

## Conversions Part 2

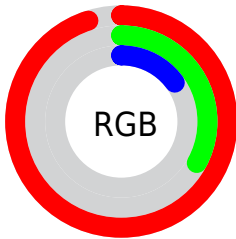
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 242, 100, 37                    |
| Decimal                             | 15881509                        |
| CIE Lab                             | 57.57, 58.22, 57.41             |
| CIE LCh                             | 58, 81.766, 44.599              |
| Yxy                                 | 25.5078, 0.5721,<br>0.3630      |
| Android<br>(android.graphics.Color) | 4294071589<br>(0xFFFF25525)     |
| YUV                                 | 126.4710, -44.1092,<br>101.3189 |
| Hunter-Lab                          | 50.5053, 53.6954,<br>30.0064    |

# Details

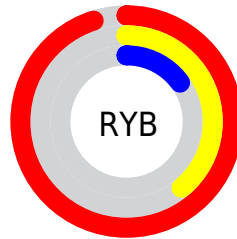
The Decimal color **15881509** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2474738**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **16747863**, and **11604992** is the 20% darker color. If you saturate the color by 10%, you get **15876621**, and if you desaturate by 10%, it is **15886397**.

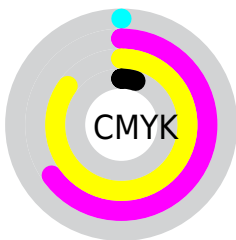
# Distribution



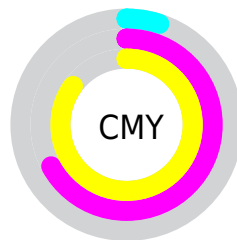
- Red (95%)
- Green (33%)
- Blue (15%)



- Red (95%)
- Yellow (39%)
- Blue (15%)



- Cyan (0%)
- Magenta (65%)
- Yellow (85%)
- Black (5%)




















- Cyan (5%)
- Magenta (67%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15881509 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 15881509 by changing the saturation by 10% instead.



|  |  |
|--|--|
|  15881509   |  15881509   |
|  16777215   |  13711368   |
|  16747863   |  11604992   |
|  16755057   |  9568256    |
|  16762507   |  7471104    |
|  16769958   |  5505024    |
|  16777154   |  3670018    |
|  16777182 |  786432   |
|  16777211 |  0        |
|  15881509 |  15881509 |

15876621

15886397

15874304

15891029

15895918

15900550

15905438

15910070

15914958

15919591

15924479

# Harmonies

## Analogous

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



16723563



15881509



12941568

# Triad

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



15881509



42849



34815

# Complementary

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



15881509



2474738

# 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.



40447



15881509



43436

# Square

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



15881509



2400262



42990



12018929

# Rectangle

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



15881509



10324736



42990



37119



# Sweetspot

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



15881509



16764607



15869378



8413785



0



8421504



# Same Dimension

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



15881509



16727040



15907621



7892844



12069632



3673344



# Inverse Universe

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



2474738



50175



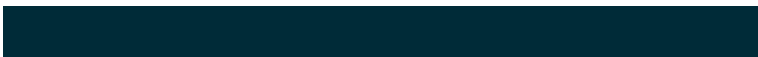
2448626



7107960



36280



11064



# Previews

## White Background



This preview shows how the Decimal color 15881509 looks on a white background.

## Color Contrast Check

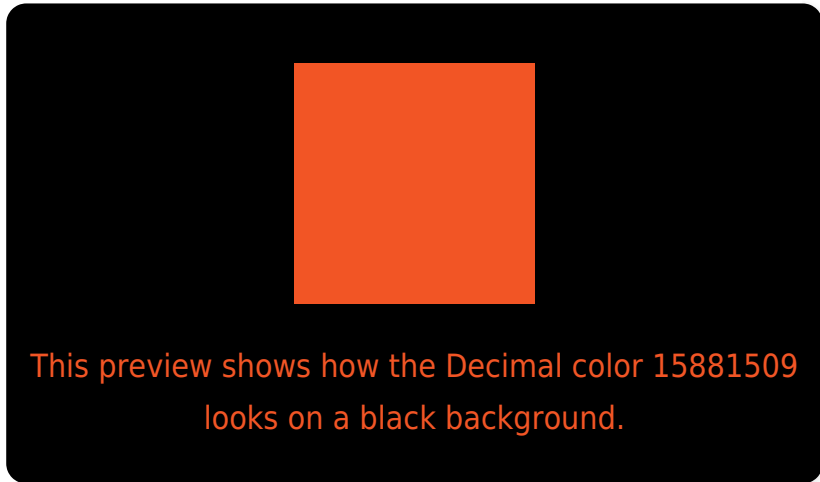
Large Text (above 18pt) WCAG AA ✓ Pass

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 15881509 Background



This preview shows how black text looks on a background with the Decimal color 15881509.



This preview shows how white text looks on a background with the Decimal color 15881509.

# 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**  
15881509

**Protanopia**  
10193715

**Deuteranopia**  
11502350



# Trichromacy



**Original Color**  
15881509

**Protanomaly**  
12285742

**Deuteranomaly**  
13070870

**Tritanomaly**  
15946307

# Monochromacy



**Original Color**  
15881509

**Achromatopsia**  
8289918

**Achromatomaly**  
11038558

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15881509 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 #F25525 looks like.

```
.text, #text, p{  
  color:#F25525  
}
```

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 #F25525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F25525
}
```

## Border

The CSS property to change the border of an element to Decimal 15881509 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".

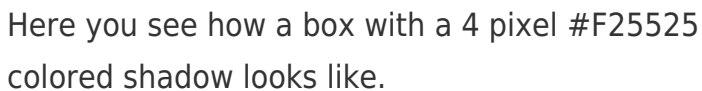
```
.border, #border, table{ border:4px solid
#F25525 }
```

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

```
.border{ border-color:#F25525 }
```

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

Here you see how a box with a 4 pixel #F25525 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F25525; -webkit-box-shadow:4px 4px  
4px 4px #F25525; box-shadow:4px 4px 4px  
4px #F25525 }
```

# Background

The CSS property to change the background color of an element to Decimal 15881509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F25525 }
```

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

```
.background{ background-color:#F25525 }
```

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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