

# Converting Colors

Decimal(15806512)

Have a look what the booklet for  
Decimal(15806512) contains.

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# Color

**Decimal(15806512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F13030
RGB	241, 48, 48
RGB Percent	95%, 19%, 19%
CMY	0.0549, 0.8118, 0.8118
CMYK	0.00, 0.80, 0.80, 0.05
HSL	0°, 87%, 57%
HSV	0°, 80%, 95%
XYZ	37.8661, 21.0281, 4.8594
YIQ	105.7070, 115.0280, 40.9160

# Conversions

## Conversions Part 2

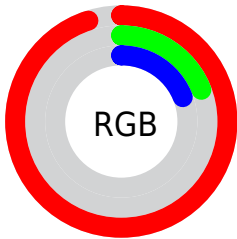
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 48, 48
Decimal	15806512
CIE <sub>Lab</sub>	52.98, 70.58, 47.99
CIE <sub>LCh</sub>	53, 85.350, 34.213
Yxy	21.0281, 0.5939, 0.3298
Android (android.graphics.Color)	4293996592 (0xFFFF13030)
YUV	105.7070, -28.4496, 118.6520
Hunter-Lab	45.8564, 67.1484, 25.8166

# Details

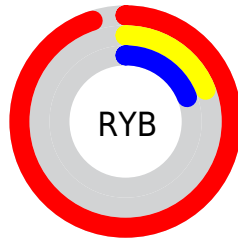
The Decimal color **15806512** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3207665**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **16740448**, and **11534338** is the 20% darker color. If you saturate the color by 10%, you get **15800344**, and if you desaturate by 10%, it is **15812680**.

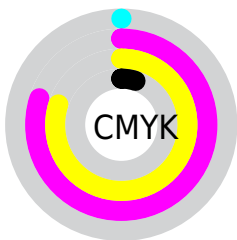
# Distribution



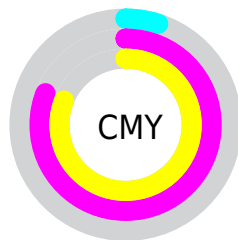
- Red (95%)
- Green (19%)
- Blue (19%)



- Red (95%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (5%)



- Cyan (5%)
- Magenta (81%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15806512 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 15806512 by changing the saturation by 10% instead.



 15806512  15806512

16777215  13631513

 16740448  11534338

 16748153  9371648

 16755603  7274496

 16763310  5308419

 16771017  3276802

 16777190  0

 15806512  15806512

 15800344  15812680

■ 15794176

■ 15818848

■ 15825016

■ 15831184

■ 15837352

■ 15843777

■ 15849945

■ 15856113

■ 15859711

# Harmonies

## Analogous

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



16384120



15806512



13263104

# Triad

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



15806512



39225



34303

# Complementary

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



15806512



3207665

# 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.



38655



15806512



40327

# Square

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



15806512



4231168



40400



8676858

# Rectangle

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



15806512



10909440



40400



36351



# Sweetspot

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



15806512



16761538



15806705



8411995



0



8421504



# Same Dimension

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



15806512



16714250



15831088



7892076



12058624



3670016



# Inverse Universe

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



3207665



720895



3182833



7108728



47288



14392



# Previews

## White Background



This preview shows how the Decimal color 15806512 looks on a white background.

## Color Contrast Check

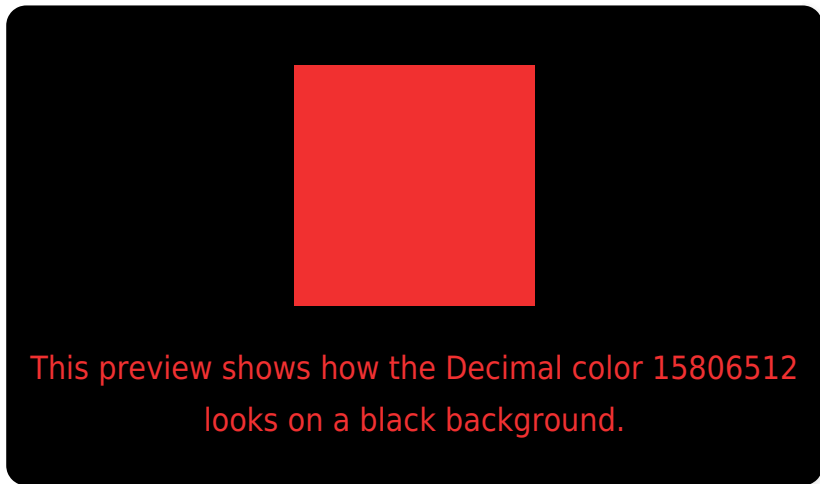
Large Text (above 18pt) WCAG AA ✓ Pass

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 15806512 Background



This preview shows how black text looks on a background with the Decimal color 15806512.



This preview shows how white text looks on a background with the Decimal color 15806512.

# 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





# Trichromacy



**Original Color**  
15806512

**Protanomaly**  
11625022

**Deuteranomaly**  
12410405

**Tritanomaly**  
15806512

# Monochromacy



**Original Color**  
15806512

**Achromatopsia**  
6974058

**Achromatomaly**  
10179925

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15806512 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 #F13030 looks like.

```
.text, #text, p{  
  color:#F13030  
}
```

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 #F13030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F13030
}
```

## Border

The CSS property to change the border of an element to Decimal 15806512 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".

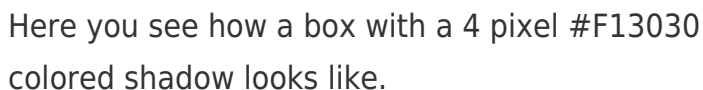
```
.border, #border, table{ border:4px solid
#F13030 }
```

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

```
.border{ border-color:#F13030 }
```

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

Here you see how a box with a 4 pixel #F13030 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F13030; -webkit-box-shadow:4px 4px  
4px 4px #F13030; box-shadow:4px 4px 4px  
4px #F13030 }
```

# Background

The CSS property to change the background color of an element to Decimal 15806512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F13030 }
```

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

```
.background{ background-color:#F13030 }
```

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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