

# Converting Colors

Decimal(15358755)

Have a look what the booklet for  
Decimal(15358755) contains.

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# Color

**Decimal(15358755)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA5B23
RGB	234, 91, 35
RGB Percent	92%, 36%, 14%
CMY	0.0824, 0.6431, 0.8627
CMYK	0.00, 0.61, 0.85, 0.08
HSL	17°, 83%, 53%
HSV	17°, 85%, 92%
XYZ	37.9761, 25.0959, 4.4325
YIQ	127.3730, 103.2040, 12.9000

# Conversions

## Conversions Part 2

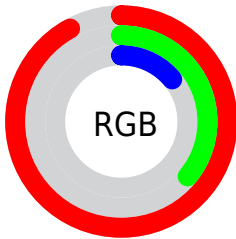
Format	Color
<a href="#">RYB</a>	<a href="#">234, 113, 35</a>
Decimal	<a href="#">15358755</a>
CIELab	<a href="#">57.17, 52.88, 57.35</a>
CIELCh	<a href="#">57, 78.012, 47.322</a>
Yxy	<a href="#">25.0959, 0.5626, 0.3718</a>
Android (android.graphics.Color)	<a href="#">4293548835</a> ( <a href="#">0xFFEA5B23</a> )
YUV	<a href="#">127.3730, -45.5399, 93.5119</a>
Hunter-Lab	<a href="#">50.0959, 47.6477, 29.8210</a>

# Details

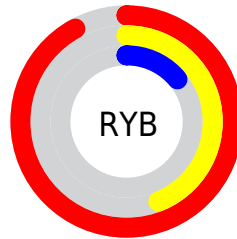
The Decimal color **15358755** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2339562**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16749142**, and **11149568** is the 20% darker color. If you saturate the color by 10%, you get **15354380**, and if you desaturate by 10%, it is **15363130**.

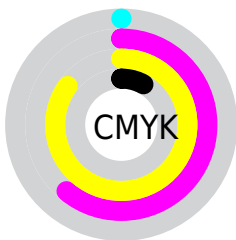
# Distribution



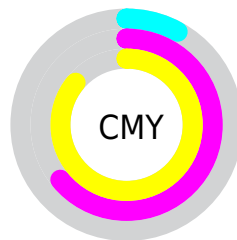
- Red (92%)
- Green (36%)
- Blue (14%)



- Red (92%)
- Yellow (44%)
- Blue (14%)



- Cyan (0%)
- Magenta (61%)
- Yellow (85%)
- Black (8%)





















- Cyan (8%)
- Magenta (64%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15358755 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 15358755 by changing the saturation by 10% instead.



 15358755	 15358755
16777215	 13254404
 16749142	 11149568
 16756336	 9109504
 16763530	 7077888
 16770981	 5111808
 16777153	 3276802
 16777181	 0
 16777210	
 15358755	 15358755

15354380

15363130

15352320

15367506

15371625

15376001

15380376

15384751

15389127

15393502

15397622

# Harmonies

## Analogous

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



16726373



15358755



12418048

# Triad

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



15358755



42345



2786559

# Complementary

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



15358755



2339562

# 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.



39679



15358755



42928

# Square

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



15358755



1810206



42221



12346087

# Rectangle

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



15358755



9931776



42221



36351



# Sweetspot

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



15358755



16764861



15344565



8414040



0



8421504



# Same Dimension

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



15358755



16730112



15383587



7695722



11875072



3542784



# Inverse Universe

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



2339562



47103



2314730



6976117



33461



9782



# Previews

## White Background



This preview shows how the Decimal color 15358755 looks on a white background.

## Color Contrast Check

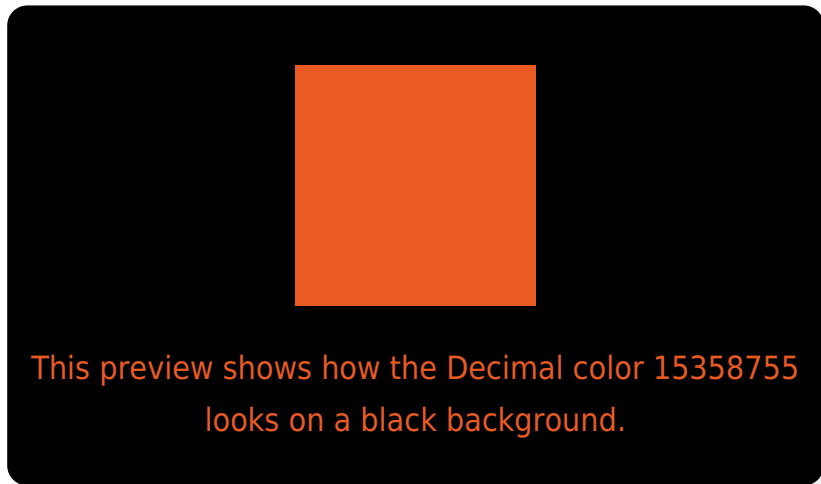
Large Text (above 18pt) WCAG AA ✓ Pass

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 15358755 Background



This preview shows how black text looks on a background with the Decimal color 15358755.




This preview shows how white text looks on a background with the Decimal color 15358755.

# 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





**Tritanopia**  
15488346

# Trichromacy



**Original Color**  
15358755

**Protanomaly**  
12024107

**Deuteranomaly**  
12874773

**Tritanomaly**  
15423302

# Monochromacy



**Original Color**  
15358755

**Achromatopsia**  
8355711

**Achromatomaly**  
10908254

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15358755 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 #EA5B23 looks like.

```
.text, #text, p{  
    color:#EA5B23  
}
```

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 #EA5B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA5B23
}
```

## Border

The CSS property to change the border of an element to Decimal 15358755 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
#EA5B23 }
```

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

```
.border{ border-color:#EA5B23 }
```

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

Here you see how a box with a 4 pixel #EA5B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA5B23; -webkit-box-shadow:4px 4px  
4px 4px #EA5B23; box-shadow:4px 4px 4px  
4px #EA5B23 }
```

# Background

The CSS property to change the background color of an element to Decimal 15358755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA5B23 }
```

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

```
.background{ background-color:#EA5B23 }
```

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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