

# Converting Colors

Decimal(15228448)

Have a look what the booklet for  
Decimal(15228448) contains.

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**Color**

**Decimal(15228448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E85E20
RGB	232, 94, 32
RGB Percent	91%, 37%, 13%
CMY	0.0902, 0.6314, 0.8745
CMYK	0.00, 0.59, 0.86, 0.09
HSL	19°, 81%, 52%
HSV	19°, 86%, 91%
XYZ	37.5421, 25.2655, 4.2645
YIQ	128.1940, 102.1500, 9.9740

# Conversions

## Conversions Part 2

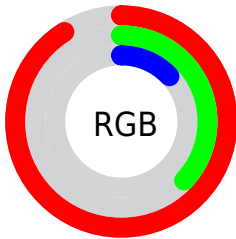
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 122, 32
Decimal	15228448
CIE Lab	57.33, 50.77, 58.52
CIE LCh	57, 77.468, 49.057
Yxy	25.2655, 0.5597, 0.3767
Android (android.graphics.Color)	4293418528 (0xFFE85E20)
YUV	128.1940, -47.4236, 91.0379
Hunter-Lab	50.2648, 45.3560, 30.1551

# Details

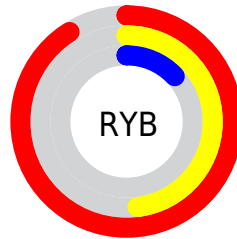
The Decimal color **15228448** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2140904**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16749652**, and **11019776** is the 20% darker color. If you saturate the color by 10%, you get **15224329**, and if you desaturate by 10%, it is **15232567**.

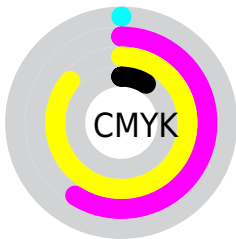
# Distribution



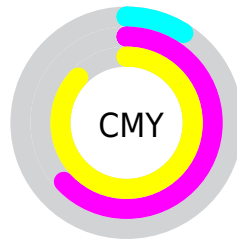
- Red (91%)
- Green (37%)
- Blue (13%)



- Red (91%)
- Yellow (48%)
- Blue (13%)



- Cyan (0%)
- Magenta (59%)
- Yellow (86%)
- Black (9%)















- Cyan (9%)
- Magenta (63%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15228448 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 15228448 by changing the saturation by 10% instead.



 15228448	 15228448
16777215	 13124352
 16749652	 11019776
 16756845	 8978432
 16764296	 6946816
 16771747	 4980736
 16777150	 3211266
 16777179	 0
 16777208	
 15228448	 15228448

15224329

15232567

15222784

15236686

15240806

15244925

15249044

15253163

15257282

15261402

15265521

# Harmonies

## Analogous

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



16661602



15228448



12287488

# Triad

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



15228448



42606



4228095

# Complementary

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



15228448



2140904

# 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.



39423



15228448



42932

# Square

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



15228448



761892



42223



12607715

# Rectangle

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



15228448



9735424



42223



36095



# Sweetspot

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



15228448



16765373



15212716



8414296



0



8421504



# Same Dimension

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



15228448



16731904



15253536



7564135



11745024



3346432



# Inverse Universe

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



2140904



45311



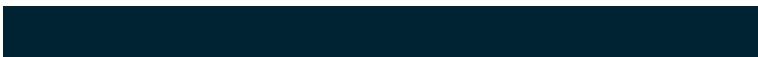
2115816



6778739



31667



9011



# Previews

## White Background



This preview shows how the Decimal color 15228448 looks on a white background.

## Color Contrast Check

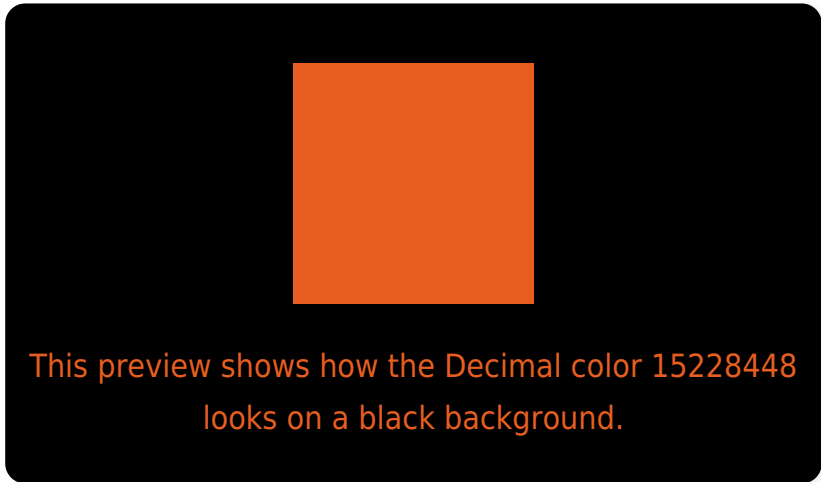
Large Text (above 18pt) WCAG AA ✓ Pass

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 15228448 Background



This preview shows how black text looks on a background with the Decimal color 15228448.



This preview shows how white text looks on a background with the Decimal color 15228448.

# Color Blindness Simulation

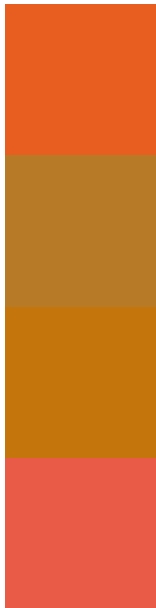
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
15228448

**Protanomaly**  
12024359

**Deuteranomaly**  
12875276

**Tritanomaly**  
15292999

# Monochromacy



**Original Color**  
15228448

**Achromatopsia**  
8421504

**Achromatomaly**  
10908765

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15228448 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 #E85E20 looks like.

```
.text, #text, p{  
  color:#E85E20  
}
```

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 #E85E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E85E20
}
```

## Border

The CSS property to change the border of an element to Decimal 15228448 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
#E85E20 }
```

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

```
.border{ border-color:#E85E20 }
```

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

Here you see how a box with a 4 pixel #E85E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E85E20; -webkit-box-shadow:4px 4px  
4px 4px #E85E20; box-shadow:4px 4px 4px  
4px #E85E20 }
```

# Background

The CSS property to change the background color of an element to Decimal 15228448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E85E20 }
```

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

```
.background{ background-color:#E85E20 }
```

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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