

# Converting Colors

Decimal(15225608)

Have a look what the booklet for  
Decimal(15225608) contains.

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# Color

**Decimal(15225608)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E85308
RGB	232, 83, 8
RGB Percent	91%, 33%, 3%
CMY	0.0902, 0.6745, 0.9686
CMYK	0.00, 0.64, 0.97, 0.09
HSL	20°, 93%, 47%
HSV	20°, 97%, 91%
XYZ	36.4158, 23.3598, 2.8193
YIQ	119.0010, 112.8790, 8.2630

# Conversions

## Conversions Part 2

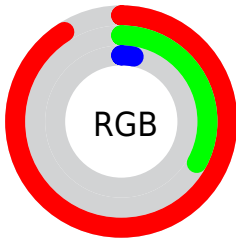
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 121, 8
Decimal	15225608
CIE Lab	55.44, 55.22, 64.01
CIE LCh	55, 84.531, 49.217
Yxy	23.3598, 0.5818, 0.3732
Android (android.graphics.Color)	4293415688 (0xFFE85308)
YUV	119.0010, -54.7235, 99.1001
Hunter-Lab	48.3320, 49.9099, 30.3739

# Details

The Decimal color **15225608** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **564712**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **16747075**, and **11015168** is the 20% darker color. If you saturate the color by 10%, you get **15224320**, and if you desaturate by 10%, it is **15229471**.

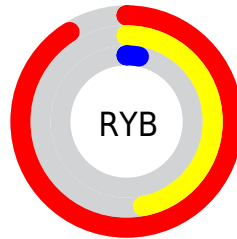
# Distribution



Red (91%)

Green (33%)

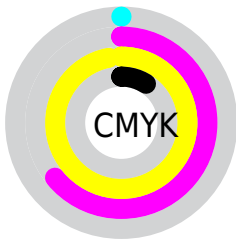
Blue (3%)



Red (91%)

Yellow (47%)

Blue (3%)

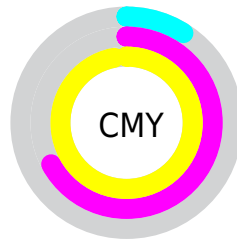


Cyan (0%)

Magenta (64%)

Yellow (97%)

Black (9%)



Cyan (9%)

Magenta (67%)


Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15225608 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 15225608 by changing the saturation by 10% instead.



 15225608	 15225608
16777215	 13121280
 16747075	 11015168
 16754269	 8912896
 16761720	 6881280
 16769171	 4915200
 16776622	 3080194
 16777162	 0
 16777191	
 15225608	 15225608

15224320

15229471

15233590

15237454

15241573

15245436

15249555

15253418

15257282

15261401

# Harmonies

## Analogous

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



16719706



15225608



12023808

# Triad

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



15225608



41575



1211903

# Complementary

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



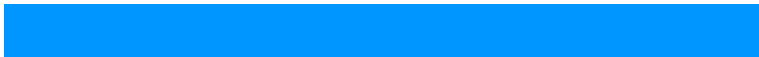
15225608



564712

# 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



15225608



42163

# Square

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



15225608



39948



41460



12539366

# Rectangle

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



15225608



9275648



41460



34815



# Sweetspot

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



15225608



16764597



15206557



8413779



0



8421504



# Same Dimension

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



15225608



16733440



15254280



7564135



11746304



3346688



# Inverse Universe

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



564712



43775



536040



6778739



30643



8755



# Previews

## White Background



This preview shows how the Decimal color 15225608 looks on a white background.

## Color Contrast Check

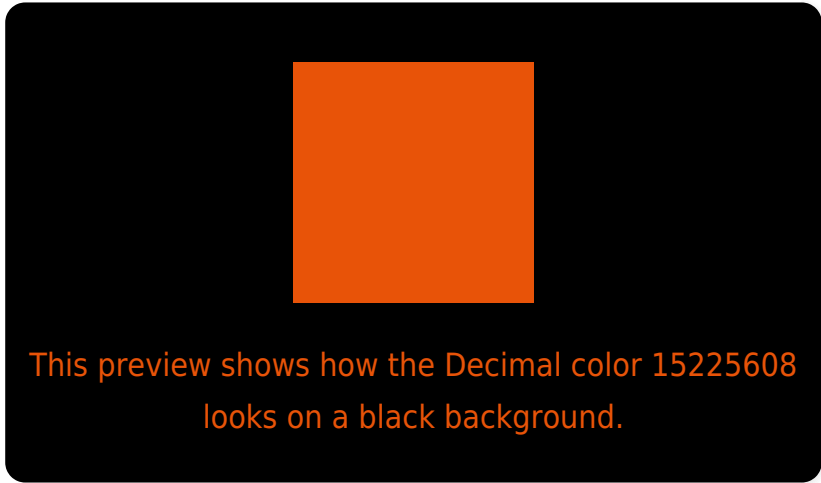
Large Text (above 18pt) WCAG AA ✓ Pass

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 15225608 Background



This preview shows how black text looks on a background with the Decimal color 15225608.



This preview shows how white text looks on a background with the Decimal color 15225608.

# 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



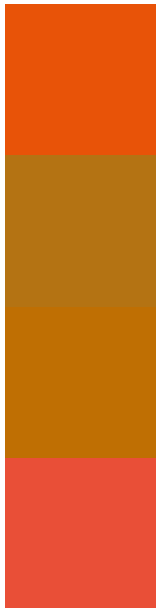
**Original Color**  
15225608

**Protanopia**  
9864729

**Deuteranopia**  
11042560



# Trichromacy



**Original Color**  
15225608

**Protanomaly**  
11825939

**Deuteranomaly**  
12545795

**Tritanomaly**  
15290167

# Monochromacy



**Original Color**  
15225608

**Achromatopsia**  
7829367

**Achromatomaly**  
10512975

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15225608 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 #E85308 looks like.

```
.text, #text, p{  
    color:#E85308  
}
```

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 #E85308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E85308
}
```

## Border

The CSS property to change the border of an element to Decimal 15225608 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
#E85308 }
```

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

```
.border{ border-color:#E85308 }
```

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

Here you see how a box with a 4 pixel #E85308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E85308; -webkit-box-shadow:4px 4px  
4px 4px #E85308; box-shadow:4px 4px 4px  
4px #E85308 }
```

# Background

The CSS property to change the background color of an element to Decimal 15225608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E85308 }
```

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

```
.background{ background-color:#E85308 }
```

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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