

# Converting Colors

Decimal(15031552)

Have a look what the booklet for  
Decimal(15031552) contains.

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**Color**

**Decimal(15031552)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E55D00
RGB	229, 93, 0
RGB Percent	90%, 36%, 0%
CMY	0.1020, 0.6353, 1.0000
CMYK	0.00, 0.59, 1.00, 0.10
HSL	24°, 100%, 45%
HSV	24°, 100%, 90%
XYZ	36.2274, 24.4867, 2.8170
YIQ	123.0620, 110.9090, -0.0910

# Conversions

## Conversions Part 2

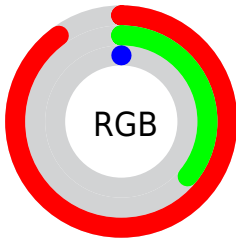
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 157, 0
Decimal	15031552
CIE <sub>Lab</sub>	56.57, 49.71, 65.97
CIE <sub>LCh</sub>	57, 82.606, 52.999
Yxy	24.4867, 0.5702, 0.3854
Android (android.graphics.Color)	4293221632 (0xFFE55D00)
YUV	123.0620, -60.6696, 92.9076
Hunter-Lab	49.4841, 44.0834, 31.2636

# Details

The Decimal color **15031552** 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 **35045**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16749377**, and **10823168** is the 20% darker color. If you saturate the color by 10%, you get **15031552**, and if you desaturate by 10%, it is **15035159**.

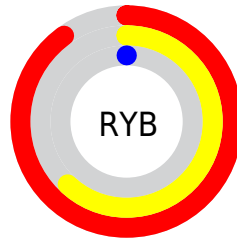
# Distribution



Red (90%)

Green (36%)

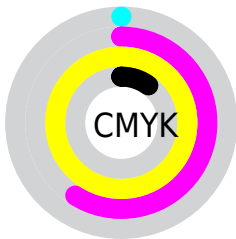
Blue (0%)



Red (90%)

Yellow (62%)

Blue (0%)

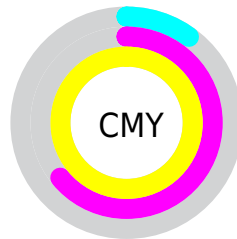


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (64%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15031552 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 15031552 by changing the saturation by 10% instead.



 15031552	 15031552
 16777215	 12927488
 16749377	 10823168
 16756571	 8781824
 16763766	 6750208
 16771217	 4784128
 16777133	 3014658
 16777161	 0
 16777189	
 15031552	

 15035159

 15038510

 15042117

 15045468

 15049075

 15052681

 15056032

 15059639

 15062990

# Harmonies

## Analogous

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



16724309



15031552



11697920

# Triad

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



15031552



42356



5405951

# Complementary

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



15031552



35045

# 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



15031552



42686

# Square

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



15031552



40997



41979



13325536

# Rectangle

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



15031552



8949248



41979



34559



# Sweetspot

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



15031552



16765619



15007881



8414290



0



8421504



# Same Dimension

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



15031552



16738304



15060480



7564391



11749376



3347712



# Inverse Universe

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



35045



38911



6117



6778483



27315



7731



# Previews

## White Background



This preview shows how the Decimal color 15031552 looks on a white background.

## Color Contrast Check

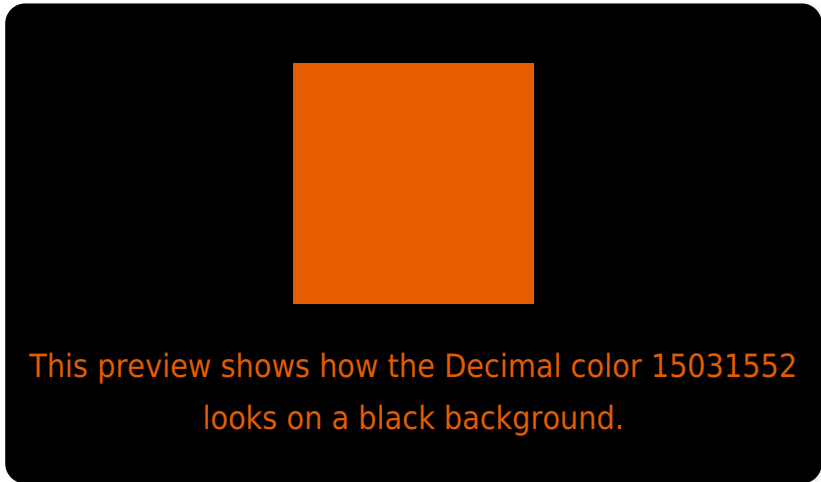
Large Text (above 18pt) WCAG AA ✓ Pass

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 15031552 Background



This preview shows how black text looks on a background with the Decimal color 15031552.



This preview shows how white text looks on a background with the Decimal color 15031552.

# 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**  
15031552

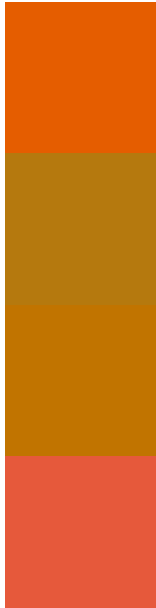
**Protanopia**  
10127638

**Deuteranopia**  
11305216



**Tritanopia**  
15161180

# Trichromacy



**Original Color**  
15031552

**Protanomaly**  
11893006

**Deuteranomaly**  
12678144

**Tritanomaly**  
15096123

# Monochromacy



**Original Color**  
15031552

**Achromatopsia**  
8092539

**Achromatomaly**  
10645582

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15031552 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 #E55D00 looks like.

```
.text, #text, p{  
    color:#E55D00  
}
```

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 #E55D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E55D00
}
```

## Border

The CSS property to change the border of an element to Decimal 15031552 is called "border". The border property can be set on classes, ids or directly on the HTML element.

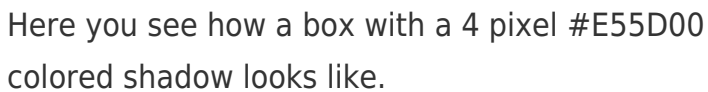
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E55D00 }
```

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

```
.border{ border-color:#E55D00 }
```

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



Here you see how a box with a 4 pixel #E55D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E55D00; -webkit-box-shadow:4px 4px  
4px 4px #E55D00; box-shadow:4px 4px 4px  
4px #E55D00 }
```

# Background

The CSS property to change the background color of an element to Decimal 15031552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E55D00 }
```

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

```
.background{ background-color:#E55D00 }
```

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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