

# Converting Colors

Decimal(15230766)

Have a look what the booklet for  
Decimal(15230766) contains.

<b>Decimal(15230766)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(15230766)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E8672E
RGB	232, 103, 46
RGB Percent	91%, 40%, 18%
CMY	0.0902, 0.5961, 0.8196
CMYK	0.00, 0.56, 0.80, 0.09
HSL	18°, 80%, 55%
HSV	18°, 80%, 91%
XYZ	38.6221, 27.0536, 5.7710
YIQ	135.0730, 95.1810, 9.6210

# Conversions

## Conversions Part 2

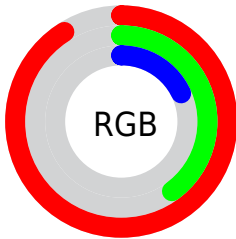
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 128, 46
Decimal	15230766
CIE Lab	59.02, 46.96, 54.22
CIE LCh	59, 71.735, 49.105
Yxy	27.0536, 0.5406, 0.3787
Android (android.graphics.Color)	4293420846 (0xFFE8672E)
YUV	135.0730, -43.9130, 85.0050
Hunter-Lab	52.0130, 41.5218, 29.8307

# Details

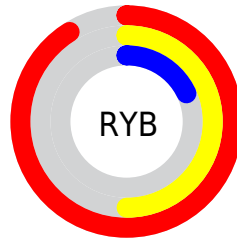
The Decimal color **15230766** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **3059688**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **16751968**, and **11088384** is the 20% darker color. If you saturate the color by 10%, you get **15226647**, and if you desaturate by 10%, it is **15234885**.

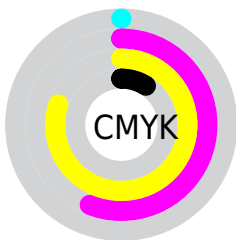
# Distribution



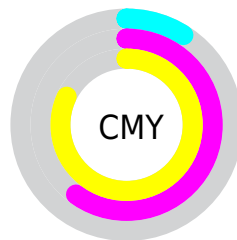
- Red (91%)
- Green (40%)
- Blue (18%)



- Red (91%)
- Yellow (50%)
- Blue (18%)



- Cyan (0%)
- Magenta (56%)
- Yellow (80%)
- Black (9%)























- Cyan (9%)
- Magenta (60%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15230766 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 15230766 by changing the saturation by 10% instead.



 15230766	 15230766
 16777215	 13126932
 16751968	 11088384
 16759162	 9048832
 16766357	 7077888
 16773808	 5111808
 16777164	 3407874
 16777192	 0
 15230766	 15230766
 15226647	 15234885

15222528

15239004

15243124

15247243

15251362

15255737

15259856

15263976

15268095

# Harmonies

## Analogous

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



16600169



15230766



12485376

# Triad

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



15230766



43380



5670911

# Complementary

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



15230766



3059688

# 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.



40191



15230766



43958

# Square

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



15230766



2990899



42989



12741089

# Rectangle

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



15230766



10064128



42989



36863



# Sweetspot

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



15230766



16766402



15216304



8414811



0



8421504



# Same Dimension

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



15230766



16733450



15254318



7564135



11745024



3346432

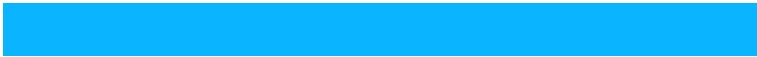


# Inverse Universe

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



3059688



701695



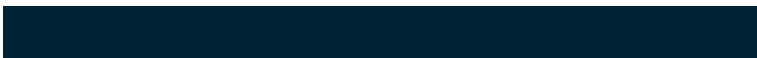
3036136



6778739



31923



9011



# Previews

## White Background



This preview shows how the Decimal color 15230766 looks on a white background.

## Color Contrast Check

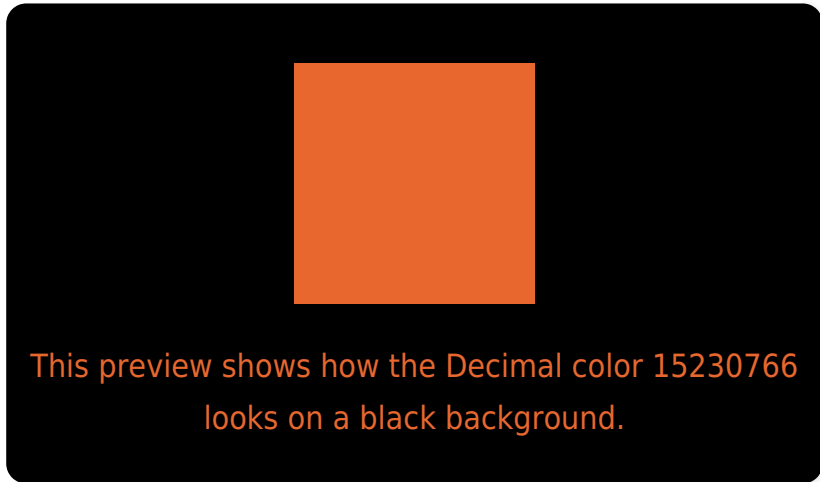
Large Text (above 18pt) WCAG AA ✓ Pass

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 15230766 Background



This preview shows how black text looks on a background with the Decimal color 15230766.



This preview shows how white text looks on a background with the Decimal color 15230766.

# 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**  
15230766

**Protanopia**  
10456889

**Deuteranopia**  
11765539



# Trichromacy



**Original Color**  
15230766

**Protanomaly**  
12222517

**Deuteranomaly**  
13007655

**Tritanomaly**  
15295314

# Monochromacy



**Original Color**  
15230766

**Achromatopsia**  
8882055

**Achromatomaly**  
11172711

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15230766 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 #E8672E looks like.

```
.text, #text, p{  
  color:#E8672E  
}
```

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 #E8672E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8672E
}
```

## Border

The CSS property to change the border of an element to Decimal 15230766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

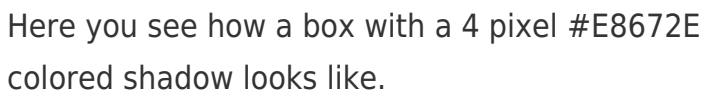
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8672E }
```

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

```
.border{ border-color:#E8672E }
```

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



Here you see how a box with a 4 pixel #E8672E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8672E; -webkit-box-shadow:4px 4px  
4px 4px #E8672E; box-shadow:4px 4px 4px  
4px #E8672E }
```

# Background

The CSS property to change the background color of an element to Decimal 15230766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8672E }
```

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

```
.background{ background-color:#E8672E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor