

# Converting Colors

Decimal(15232830)

Have a look what the booklet for  
Decimal(15232830) contains.

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# Color

**Decimal(15232830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E86F3E
RGB	232, 111, 62
RGB Percent	91%, 44%, 24%
CMY	0.0902, 0.5647, 0.7569
CMYK	0.00, 0.52, 0.73, 0.09
HSL	17°, 79%, 58%
HSV	17°, 73%, 91%
XYZ	39.8327, 28.8725, 8.0310
YIQ	141.5930, 87.8450, 10.4130

# Conversions

## Conversions Part 2

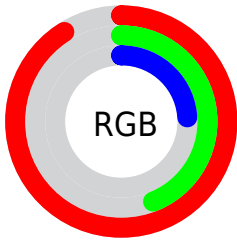
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 131, 62
Decimal	15232830
CIE <sub>Lab</sub>	60.67, 43.70, 48.31
CIE <sub>LCh</sub>	61, 65.146, 47.869
Yxy	28.8725, 0.5191, 0.3763
Android (android.graphics.Color)	4293422910 (0xFFE86F3E)
YUV	141.5930, -39.2393, 79.2869
Hunter-Lab	53.7331, 38.2900, 28.7517

# Details

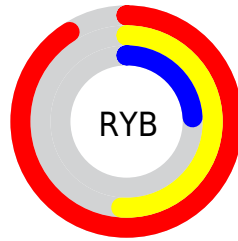
The Decimal color **15232830** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **4110312**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16754032**, and **11156236** is the 20% darker color. If you saturate the color by 10%, you get **15228455**, and if you desaturate by 10%, it is **15237205**.

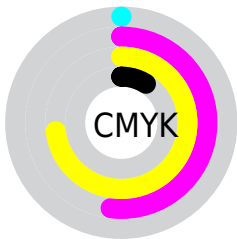
# Distribution



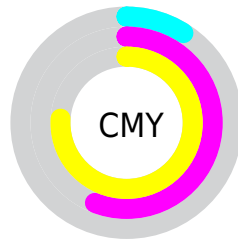
- Red (91%)
- Green (44%)
- Blue (24%)



- Red (91%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (52%)
- Yellow (73%)
- Black (9%)





















- Cyan (9%)
- Magenta (56%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15232830 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 15232830 by changing the saturation by 10% instead.



 15232830	 15232830
 16777215	 13194534
 16754032	 11156236
 16761226	 9117696
 16768421	 7143424
 16775872	 5242880
 16777180	 3538946
 16777209	 589824
	 0
 15232830	 15232830

15228455

15237205

15224336

15241324

15221504

15245700

15249819

15254194

15258313

15262688

15266808

15269887

# Harmonies

## Analogous

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



16341875



15232830



12748559

# Triad

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



15232830



44152



6393343

# Complementary

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



15232830



4110312

# 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.



41215



15232830



44468

# Square

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



15232830



4695615



43751



12612576

# Rectangle

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



15232830



10589440



43751



627967



# Sweetspot

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



15232830



16766919



15220408



8415326



0



8421504



# Same Dimension

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



15232830



16736031



15254334



7564135



11744000



3346176



# Inverse Universe

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



4110312



2080511



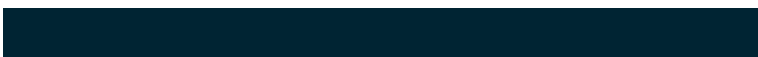
4088808



6778739



32691



9267



# Previews

## White Background



This preview shows how the Decimal color 15232830 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



This preview shows how the Decimal color 15232830 looks on a 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 15232830 Background



This preview shows how black text looks on a background with the Decimal color 15232830.

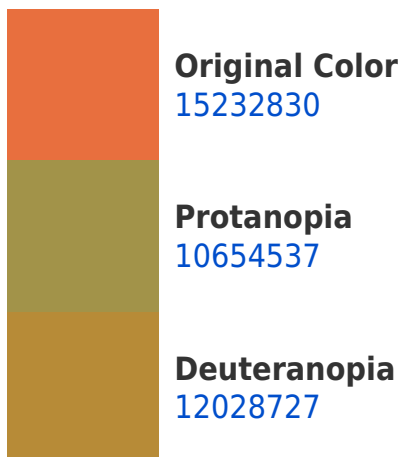



This preview shows how white text looks on a background with the Decimal color 15232830.

# 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**  
15362416

# Trichromacy



**Original Color**  
15232830

**Protanomaly**  
12289605

**Deuteranomaly**  
13205818

**Tritanomaly**  
15297374

# Monochromacy



**Original Color**  
15232830

**Achromatopsia**  
9342606

**Achromatomaly**  
11502449

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15232830 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 #E86F3E looks like.

```
.text, #text, p{  
    color:#E86F3E  
}
```

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 #E86F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E86F3E
}
```

## Border

The CSS property to change the border of an element to Decimal 15232830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

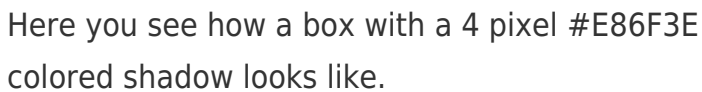
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E86F3E }
```

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

```
.border{ border-color:#E86F3E }
```

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



Here you see how a box with a 4 pixel #E86F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E86F3E; -webkit-box-shadow:4px 4px  
4px 4px #E86F3E; box-shadow:4px 4px 4px  
4px #E86F3E }
```

# Background

The CSS property to change the background color of an element to Decimal 15232830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E86F3E }
```

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

```
.background{ background-color:#E86F3E }
```

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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