

# Converting Colors

Decimal(15639129)

Have a look what the booklet for  
Decimal(15639129) contains.

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# **Color**

**Decimal(15639129)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EEA259
RGB	238, 162, 89
RGB Percent	93%, 64%, 35%
CMY	0.0667, 0.3647, 0.6510
CMYK	0.00, 0.32, 0.63, 0.07
HSL	29°, 81%, 64%
HSV	29°, 63%, 93%
XYZ	49.9834, 44.7391, 15.4523
YIQ	176.4020, 68.7290, -6.5910

# Conversions

## Conversions Part 2

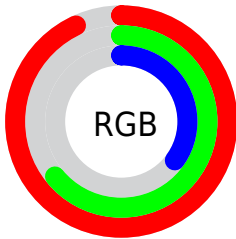
Format	Color
<b>RYB</b>	238, 232, 89
Decimal	15639129
CIELab	72.72, 21.17, 48.64
CIElCh	73, 53.050, 66.481
Yxy	44.7391, 0.4537, 0.4061
Android (android.graphics.Color)	4293829209 (0xFFEEA259)
YUV	176.4020, -43.0892, 54.0214
Hunter-Lab	66.8873, 16.3364, 33.1239

# Details

The Decimal color **15639129** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5875182**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16767373**, and **11693607** is the 20% darker color. If you saturate the color by 10%, you get **15636033**, and if you desaturate by 10%, it is **15642225**.

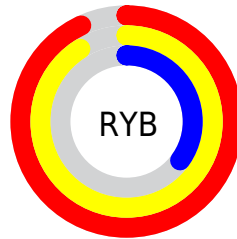
# Distribution



Red (93%)

Green (64%)

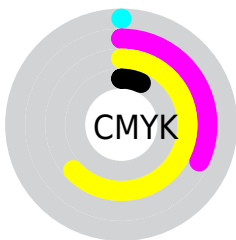
Blue (35%)



Red (93%)

Yellow (91%)

Blue (35%)

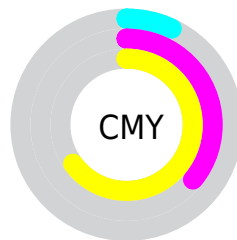


Cyan (0%)

Magenta (32%)

Yellow (63%)

Black (7%)



Cyan (7%)

Magenta (36%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15639129 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 15639129 by changing the saturation by 10% instead.



 15639129

 15639129

16777215

 13666368

 16767373

 11693607

 16774824

 9786891

 16777156

 7880192

 16777184

 6039552

16777213

 4198912

 2621440

 0

 15639129

 15639129

 15636033

 15642225

 15632937

 15645321

 15629842

 15648416

 15627520

 15651768

 15654864

 15657960

 15661055

 15663103

# Harmonies

## Analogous

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



16748923



15639129



12956494

# Triad

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



15639129



52156



12886783

# Complementary

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



15639129



5875182

# 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.



7451903



15639129



51691

# Square

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



15639129



5032074



49919



16224474

# Rectangle

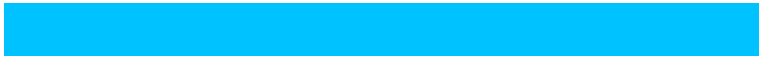
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15639129



10796120



49919



11380991

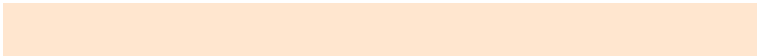


# Sweetspot

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



15639129



16770767



15620518



8417634



0



8421504



# Same Dimension

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



15639129



16751936



15658073



7893612



12081664



3676928



# Inverse Universe

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



5875182



4235775



5856238



7107192



24248



7480



# Previews

## White Background



This preview shows how the Decimal color 15639129 looks on a white background.

## Color Contrast Check

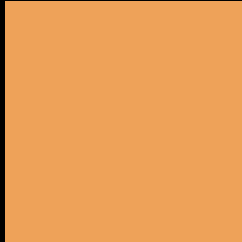
Large Text (above 18pt) WCAG AA × Fail

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 15639129 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

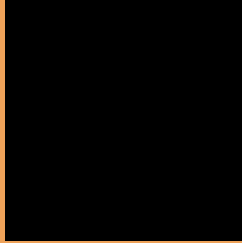
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15639129 Background



This preview shows how black text looks on a background with the Decimal color 15639129.



This preview shows how white text looks on a background with the Decimal color 15639129.

# 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**  
15639129

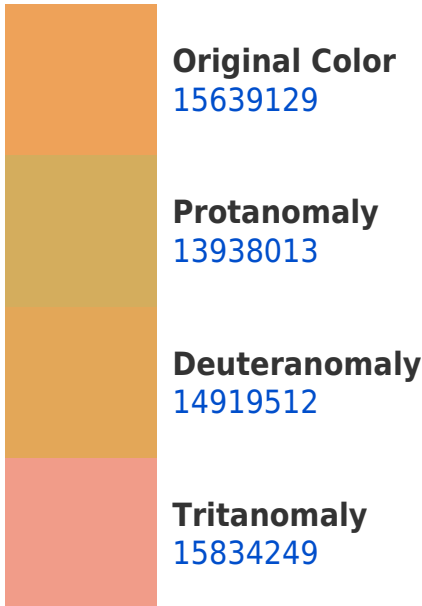
**Protanopia**  
12956511

**Deuteranopia**  
14461527



**Tritanopia**  
15964581

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15639129 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 #EEA259 looks like.

```
.text, #text, p{  
    color:#EEA259  
}
```

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 #EEA259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEA259
}
```

## Border

The CSS property to change the border of an element to Decimal 15639129 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
#EEA259 }
```

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

```
.border{ border-color:#EEA259 }
```

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

Here you see how a box with a 4 pixel #EEA259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEA259; -webkit-box-shadow:4px 4px  
4px 4px #EEA259; box-shadow:4px 4px 4px  
4px #EEA259 }
```

# Background

The CSS property to change the background color of an element to Decimal 15639129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEA259 }
```

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

```
.background{ background-color:#EEA259 }
```

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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