

# Converting Colors

Decimal(15114496)

Have a look what the booklet for  
Decimal(15114496) contains.

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# **Color**

**Decimal(15114496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6A100
RGB	230, 161, 0
RGB Percent	90%, 63%, 0%
CMY	0.0980, 0.3686, 1.0000
CMYK	0.00, 0.30, 1.00, 0.10
HSL	42°, 100%, 45%
HSV	42°, 100%, 90%
XYZ	45.3780, 42.3127, 5.7755
YIQ	163.2770, 92.8050, -35.4430

# Conversions

## Conversions Part 2

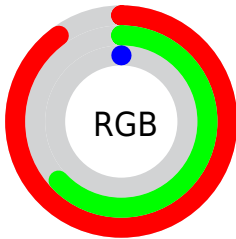
Format	Color
R <sub>Y</sub> B	99, 230, 0
Decimal	15114496
CIE Lab	71.09, 15.42, 75.00
CIE LCh	71, 76.570, 78.386
Yxy	42.3127, 0.4855, 0.4527
Android (android.graphics.Color)	4293304576 (0xFFE6A100)
YUV	163.2770, -80.4956, 58.5161
Hunter-Lab	65.0482, 10.6881, 40.2695

# Details

The Decimal color **15114496** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **17894**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **16767053**, and **11103744** is the 20% darker color. If you saturate the color by 10%, you get **15114496**, and if you desaturate by 10%, it is **15116311**.

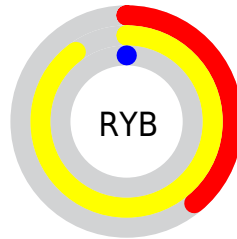
# Distribution



Red (90%)

Green (63%)

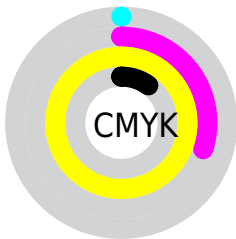
Blue (0%)



Red (39%)

Yellow (90%)

Blue (0%)

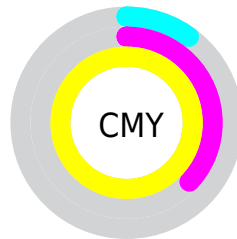


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (37%)



















Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the Decimal color 15114496 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 15114496 by changing the saturation by 10% instead.



 15114496	 15114496
 16777215	 13076224
 16767053	 11103744
 16774250	 9131264
 16777094	 7159296
 16777122	 5318656
 16777151	 3544064
 16777180	 2031616
 16777209	 0


 15114496

 15116311

 15118126

 15119941

 15121756

 15123315

 15125130

 15126945

 15128760

 15130575

# Harmonies

## Analogous

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



16745286



15114496



10991616

# Triad

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



15114496



52952



15108095

# Complementary

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



15114496



17894

# 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.



7579647



15114496



51967

# Square

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



15114496



52624



48895



16739276

# Rectangle

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



15114496



7520820



48895



13210367



# Sweetspot

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



15114496



16771251



15073349



8417874



0



8421504



# Same Dimension

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



15114496



16757504



12117504



7565159



11762944



3351552



# Inverse Universe

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



17894



19711



3014886



6777715



14003



3891



# Previews

## White Background



This preview shows how the Decimal color 15114496 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 15114496 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 15114496 Background



This preview shows how black text looks on a background with the Decimal color 15114496.

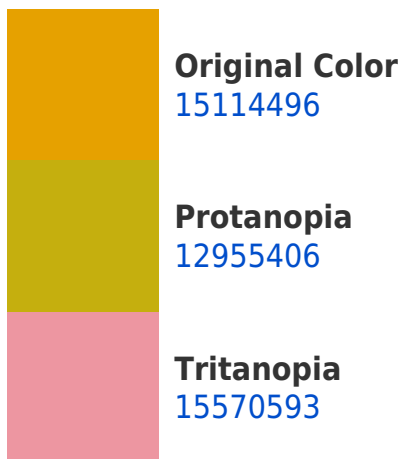


This preview shows how white text looks on a background with the Decimal color 15114496.

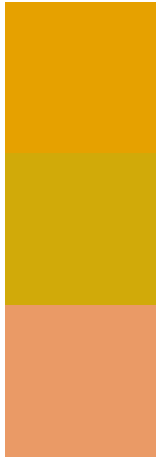
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
15114496

**Protanomaly**  
13740553

**Tritanomaly**  
15374950

# Monochromacy



**Original Color**  
15114496

**Achromatopsia**  
10724259

**Achromatomaly**  
12296808

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15114496 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 #E6A100 looks like.

```
.text, #text, p{  
  color:#E6A100  
}
```

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 #E6A100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6A100
}
```

## Border

The CSS property to change the border of an element to Decimal 15114496 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
#E6A100 }
```

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

```
.border{ border-color:#E6A100 }
```

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

Here you see how a box with a 4 pixel #E6A100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6A100; -webkit-box-shadow:4px 4px  
4px 4px #E6A100; box-shadow:4px 4px 4px  
4px #E6A100 }
```

# Background

The CSS property to change the background color of an element to Decimal 15114496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6A100 }
```

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

```
.background{ background-color:#E6A100 }
```

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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