

# Converting Colors

Decimal(15114030)

Have a look what the booklet for  
Decimal(15114030) contains.

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# **Color**

**Decimal(15114030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E69F2E
RGB	230, 159, 46
RGB Percent	90%, 62%, 18%
CMY	0.0980, 0.3765, 0.8196
CMYK	0.00, 0.31, 0.80, 0.10
HSL	37°, 79%, 54%
HSV	37°, 80%, 90%
XYZ	45.5244, 41.8165, 8.2568
YIQ	167.3470, 78.5890, -20.0910

# Conversions

## Conversions Part 2

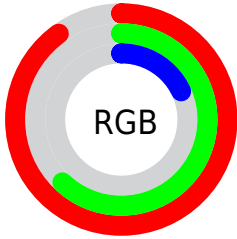
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 230, 46
Decimal	15114030
CIE <sub>Lab</sub>	70.74, 17.31, 64.91
CIE <sub>LCh</sub>	71, 67.173, 75.068
Yxy	41.8165, 0.4762, 0.4374
Android (android.graphics.Color)	4293304110 (0xFFE69F2E)
YUV	167.3470, -59.8241, 54.9467
Hunter-Lab	64.6657, 12.4984, 37.6956

# Details

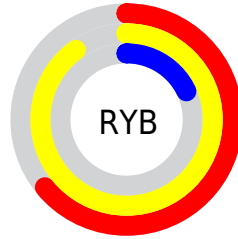
The Decimal color **15114030** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **3044838**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16766565**, and **11103232** is the 20% darker color. If you saturate the color by 10%, you get **15111703**, and if you desaturate by 10%, it is **15116357**.

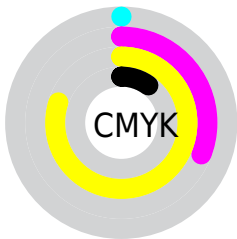
# Distribution



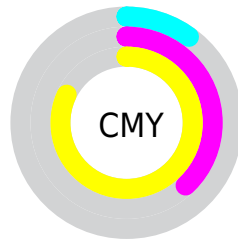
- Red (90%)
- Green (62%)
- Blue (18%)



- Red (64%)
- Yellow (90%)
- Blue (18%)



- Cyan (0%)
- Magenta (31%)
- Yellow (80%)
- Black (10%)



- Cyan (10%)
- Magenta (38%)
- Yellow (82%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 15114030 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 15114030 by changing the saturation by 10% instead.




 15114030

 15114030

16777215

 13075721

 16766565

 11103232

 16773760

 9196288

 16777116

 7289856

 16777144

 5383680


 16777172


 3608832

 16777201

 2162688

 0

 15114030

 15114030

■ 15111703

■ 15116357

■ 15109376

■ 15118684

■ 15121011

■ 15123338

■ 15125409

■ 15127736

■ 15130063

■ 15132390

■ 15134717

# Harmonies

## Analogous

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



16746073



15114030



11580456

# Triad

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



15114030



51915



14127103

# Complementary

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



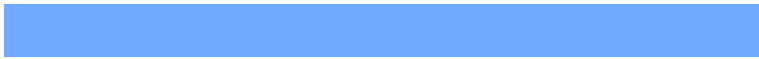
15114030



3044838

# 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.



7449087



15114030



51199

# Square

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



15114030



51339



48639



16742606

# Rectangle

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



15114030



8633665



48639



12425471



# Sweetspot

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



15114030



16771010



15085176



8417627



0



8421504



# Same Dimension

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



15114030



16752906



13952558



7564903



11759104



3350272



# Inverse Universe

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



3044838



682495



4206310



6777971



17843



5171



# Previews

## White Background



This preview shows how the Decimal color 15114030 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 15114030 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 15114030 Background



This preview shows how black text looks on a background with the Decimal color 15114030.



This preview shows how white text looks on a background with the Decimal color 15114030.

# 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**  
15114030

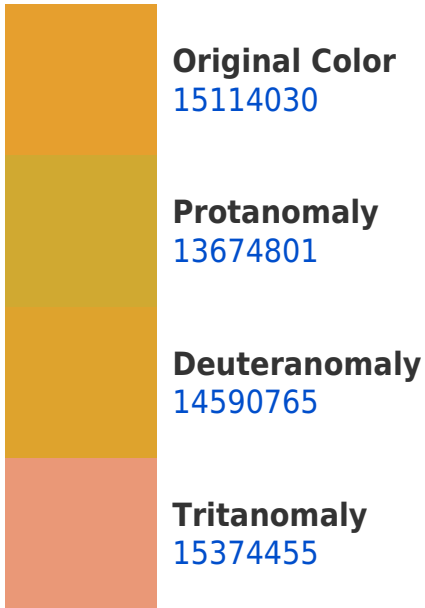
**Protanopia**  
12824114

**Deuteranopia**  
14329132



**Tritanopia**  
15570080

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15114030 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 #E69F2E looks like.

```
.text, #text, p{  
    color:#E69F2E  
}
```

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 #E69F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E69F2E
}
```

## Border

The CSS property to change the border of an element to Decimal 15114030 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
#E69F2E }
```

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

```
.border{ border-color:#E69F2E }
```

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

Here you see how a box with a 4 pixel #E69F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E69F2E; -webkit-box-shadow:4px 4px  
4px 4px #E69F2E; box-shadow:4px 4px 4px  
4px #E69F2E }
```

# Background

The CSS property to change the background color of an element to Decimal 15114030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E69F2E }
```

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

```
.background{ background-color:#E69F2E }
```

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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