

# Converting Colors

Decimal(15112448)

Have a look what the booklet for  
Decimal(15112448) contains.

<b>Decimal(15112448)</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(15112448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E69900
RGB	230, 153, 0
RGB Percent	90%, 60%, 0%
CMY	0.0980, 0.4000, 1.0000
CMYK	0.00, 0.33, 1.00, 0.10
HSL	40°, 100%, 45%
HSV	40°, 100%, 90%
XYZ	44.0244, 39.6055, 5.3243
YIQ	158.5810, 95.0050, -31.2590

# Conversions

## Conversions Part 2

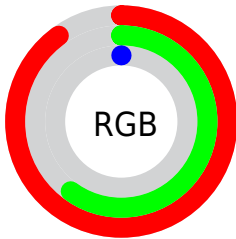
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 230, 0
Decimal	15112448
CIE <sub>Lab</sub>	69.19, 19.67, 73.74
CIE <sub>LCh</sub>	69, 76.319, 75.062
Yxy	39.6055, 0.4949, 0.4452
Android (android.graphics.Color)	4293302528 (0xFFE69900)
YUV	158.5810, -78.1804, 62.6345
Hunter-Lab	62.9329, 14.7362, 39.0369

# Details

The Decimal color **15112448** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **19942**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16764748**, and **11036160** is the 20% darker color. If you saturate the color by 10%, you get **15112448**, and if you desaturate by 10%, it is **15114519**.

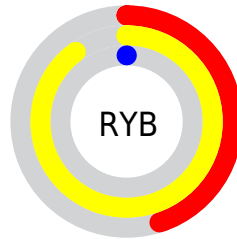
# Distribution



Red (90%)

Green (60%)

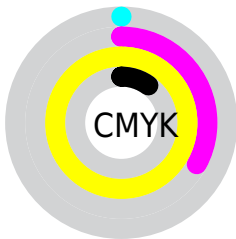
Blue (0%)



Red (45%)

Yellow (90%)

Blue (0%)

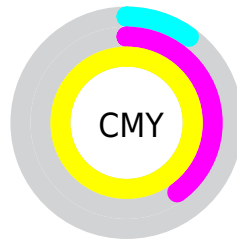


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (40%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15112448 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 15112448 by changing the saturation by 10% instead.




 15112448	 15112448
 16777215	 13074176
 16764748	 11036160
 16771944	 9063936
 16777092	 7157504
 16777120	 5251328
 16777149	 3476480
 16777177	 1966081
 16777207	 0


 15112448


 15114519


 15116334


 15118405


 15120476

 15122547

 15124362

 15126433

 15128504

 15130319

# Harmonies

## Analogous

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



16743241



15112448



11120640

# Triad

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



15112448



51659



14190335

# Complementary

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



15112448



19942

# 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.



5613055



15112448



50943

# Square

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



15112448



51075



48127



16738510

# Rectangle

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



15112448



7846695



48127



12095999



# Sweetspot

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



15112448



16770483



15073360



8417362



0



8421504



# Same Dimension

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



15112448



16755200



12838400



7565159



11761408



3351040



# Inverse Universe

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



19942



22015



2293990



6777715



15539



4403



# Previews

## White Background



This preview shows how the Decimal color 15112448 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 15112448 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 15112448 Background



This preview shows how black text looks on a background with the Decimal color 15112448.



This preview shows how white text looks on a background with the Decimal color 15112448.

# 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**

15112448

**Protanopia**

12560911

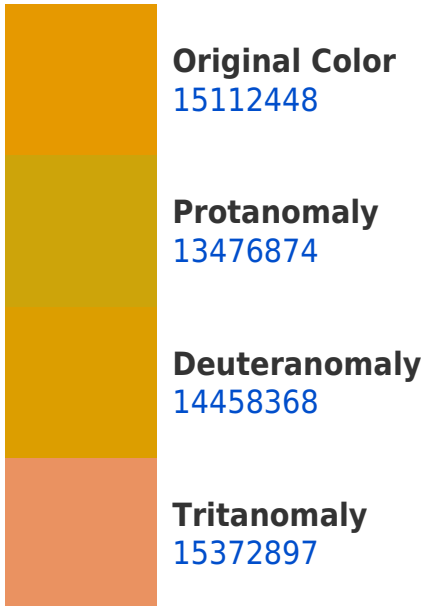
**Deuteranopia**

14065920



**Tritanopia**  
15503001

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15112448 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 #E69900 looks like.

```
.text, #text, p{  
    color:#E69900  
}
```

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 #E69900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E69900
}
```

## Border

The CSS property to change the border of an element to Decimal 15112448 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
#E69900 }
```

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

```
.border{ border-color:#E69900 }
```

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

Here you see how a box with a 4 pixel #E69900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E69900; -webkit-box-shadow:4px 4px  
4px 4px #E69900; box-shadow:4px 4px 4px  
4px #E69900 }
```

# Background

The CSS property to change the background color of an element to Decimal 15112448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E69900 }
```

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

```
.background{ background-color:#E69900 }
```

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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