

Converting Colors

Decimal(15117849)

Have a look what the booklet for
Decimal(15117849) contains.

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Color

Decimal(15117849)

Conversions

Conversions Part 1

Format	Color
Hex	E6AE19
RGB	230, 174, 25
RGB Percent	90%, 68%, 10%
CMY	0.0980, 0.3176, 0.9020
CMYK	0.00, 0.24, 0.89, 0.10
HSL	44°, 80%, 50%
HSV	44°, 89%, 90%
XYZ	47.9446, 47.1653, 7.4966
YIQ	173.7580, 81.2050, -34.4670

Conversions

Conversions Part 2

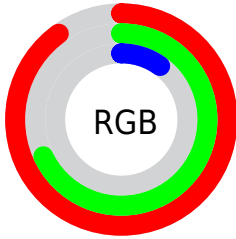
Format	Color
RYB	102, 230, 25
Decimal	15117849
CIELab	74.30, 8.81, 73.71
CIELCh	74, 74.235, 83.180
Yxy	47.1653, 0.4673, 0.4597
Android (android.graphics.Color)	4293307929 (0xFFE6AE19)
YUV	173.7580, -73.3377, 49.3242
Hunter-Lab	68.6770, 4.4294, 41.6020

Details

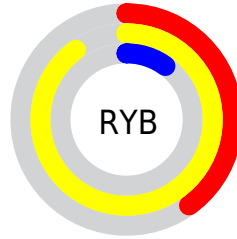
The Decimal color **15117849** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1659366**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16770393**, and **11106816** is the 20% darker color. If you saturate the color by 10%, you get **15116290**, and if you desaturate by 10%, it is **15119408**.

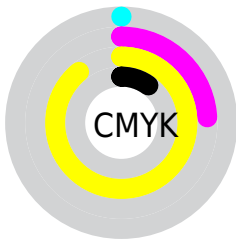
Distribution



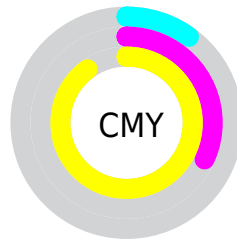
- Red (90%)
- Green (68%)
- Blue (10%)



- Red (40%)
- Yellow (90%)
- Blue (10%)



- Cyan (0%)
- Magenta (24%)
- Yellow (89%)
- Black (10%)




















- Cyan (10%)
- Magenta (32%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15117849 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 15117849 by changing the saturation by 10% instead.

 15117849	 15117849
 16777215	 13079552
 16770393	 11106816
 16777077	 9199872
 16777105	 7293440
 16777134	 5387264
 16777162	 3677952
 16777192	 2099200
	 0
 15117849	 15117849

15116290

15119408

15116032

15121223

15122782

15124341

15125900

15127715

15129274

15130833

15132648

Harmonies

Analogous

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



16749129



15117849



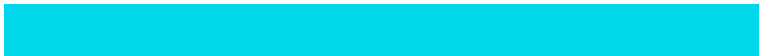
10928934

Triad

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



15117849



55275



16420351

Complementary

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



15117849



1659366

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.



10071039



15117849



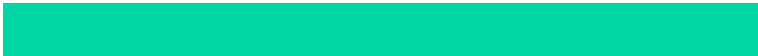
53759

Square

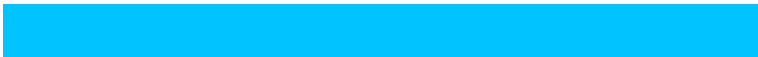
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15117849



54948



50175



16741833

Rectangle

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



15117849



7326795



50175



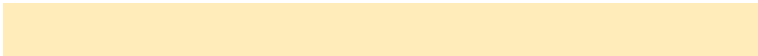
14718975

Sweetspot

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



15117849



16772282



15079763



8418391



0



8421504

Same Dimension

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



15117849



16759040



12248601



7565415



11764224



3351808

Inverse Universe

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



1659366



18175



4528614



6777459



12723



3635

Previews

White Background



This preview shows how the Decimal color 15117849 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 15117849 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 15117849 Background



This preview shows how black text looks on a background with the Decimal color 15117849.



This preview shows how white text looks on a background with the Decimal color 15117849.

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
15117849

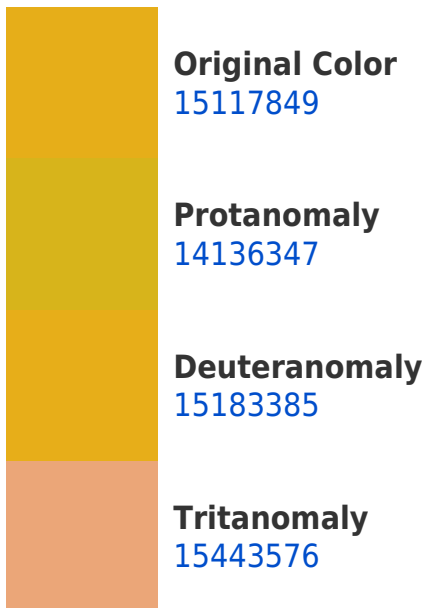
Protanopia
13547292

Deuteranopia
15183385



Tritanopia
15639214

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15117849 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 #E6AE19 looks like.

```
.text, #text, p{  
    color:#E6AE19  
}
```

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 #E6AE19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6AE19
}
```

Border

The CSS property to change the border of an element to Decimal 15117849 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
#E6AE19 }
```

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

```
.border{ border-color:#E6AE19 }
```

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

Here you see how a box with a 4 pixel #E6AE19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6AE19; -webkit-box-shadow:4px 4px  
4px 4px #E6AE19; box-shadow:4px 4px 4px  
4px #E6AE19 }
```

Background

The CSS property to change the background color of an element to Decimal 15117849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6AE19 }
```

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

```
.background{ background-color:#E6AE19 }
```

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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