

# Converting Colors

Decimal(15129916)

Have a look what the booklet for  
Decimal(15129916) contains.

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# **Color**

**Decimal(15129916)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6DD3C
RGB	230, 221, 60
RGB Percent	90%, 87%, 24%
CMY	0.0980, 0.1333, 0.7647
CMYK	0.00, 0.04, 0.74, 0.10
HSL	57°, 77%, 57%
HSV	57°, 74%, 90%
XYZ	59.3052, 68.8621, 14.4410
YIQ	205.3370, 57.0450, -48.1630

# Conversions

## Conversions Part 2

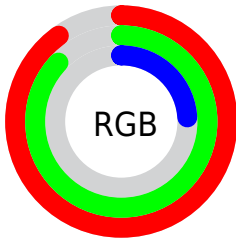
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 230, 60
Decimal	15129916
CIELab	86.44, -14.28, 74.62
CIELCh	86, 75.973, 100.832
Yxy	68.8621, 0.4159, 0.4829
Android (android.graphics.Color)	4293319996 (0xFFE6DD3C)
YUV	205.3370, -71.6511, 21.6295
Hunter-Lab	82.9832, -17.6529, 47.7704

# Details

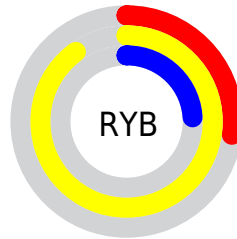
The Decimal color **15129916** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **3950054**, and the grayscale version is **13553358**.

A 20% lighter version of the original color is **16777079**, and **11249152** is the 20% darker color. If you saturate the color by 10%, you get **15129637**, and if you desaturate by 10%, it is **15130195**.

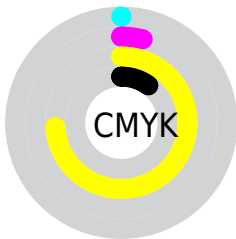
# Distribution



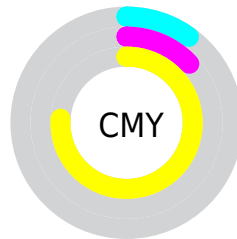
- Red (90%)
- Green (87%)
- Blue (24%)



- Red (27%)
- Yellow (90%)
- Blue (24%)



- Cyan (0%)
- Magenta (4%)
- Yellow (74%)
- Black (10%)




















- Cyan (10%)
- Magenta (13%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15129916 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 15129916 by changing the saturation by 10% instead.



 15129916	 15129916
 16777215	 13156631
 16777079	 11249152
 16777107	 9341952
 16777136	 7435008
 16777165	 5593600
 16777194	 3818240
	 2174208
	 6656
	 0

■ 15129916

■ 15129916

■ 15129637

■ 15130195

■ 15129358

■ 15130474

■ 15129088

■ 15131009

■ 15131288

■ 15131567

■ 15131846

■ 15132381

■ 15132660

■ 15132927

# Harmonies

## Analogous

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



16761930



15129916



9956964

# Triad

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



15129916



63743



16752383

# Complementary

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



15129916



3950054

# 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.



16694015



15129916



60927

# Square

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



15129916



64497



8116479



16750273

# Rectangle

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



15129916



4519567



8116479



16754431



# Sweetspot

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



15129916



16776391



15088711



8420958



0



8421504



# Same Dimension

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



15129916



16773916



10282556



7565927



11774208



3354624



# Inverse Universe

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



3950054



1845503



8797414



6776947



2483

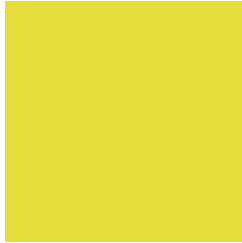


819



# Previews

## White Background



This preview shows how the Decimal color 15129916 looks on a white background.

## Color Contrast Check

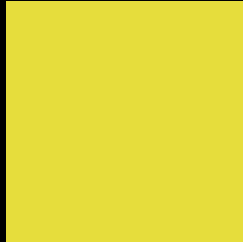
Large Text (above 18pt) WCAG AA × Fail

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 15129916 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 15129916 Background



This preview shows how black text looks on a background with the Decimal color 15129916.

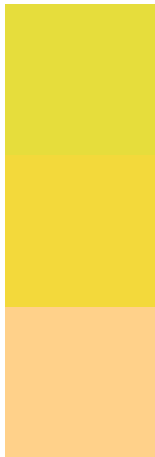


This preview shows how white text looks on a background with the Decimal color 15129916.

# 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**  
15129916

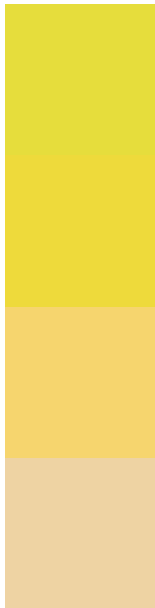
**Protanopia**  
15980859

**Deuteranopia**  
16765322



**Tritanopia**  
15978206

# Trichromacy



**Original Color**  
15129916

**Protanomaly**  
15653435

**Deuteranomaly**  
16176494

**Tritanomaly**  
15651747

# Monochromacy



**Original Color**  
15129916

**Achromatopsia**  
13487565

**Achromatomaly**  
14078872

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15129916 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 #E6DD3C looks like.

```
.text, #text, p{  
    color:#E6DD3C  
}
```

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 #E6DD3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6DD3C
}
```

## Border

The CSS property to change the border of an element to Decimal 15129916 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
#E6DD3C }
```

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

```
.border{ border-color:#E6DD3C }
```

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

Here you see how a box with a 4 pixel #E6DD3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6DD3C; -webkit-box-shadow:4px 4px  
4px 4px #E6DD3C; box-shadow:4px 4px 4px  
4px #E6DD3C }
```

# Background

The CSS property to change the background color of an element to Decimal 15129916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6DD3C }
```

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

```
.background{ background-color:#E6DD3C }
```

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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