

# Converting Colors

Decimal(16174409)

Have a look what the booklet for  
Decimal(16174409) contains.

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# **Color**

**Decimal(16174409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6CD49
RGB	246, 205, 73
RGB Percent	96%, 80%, 29%
CMY	0.0353, 0.1961, 0.7137
CMYK	0.00, 0.17, 0.70, 0.04
HSL	46°, 91%, 63%
HSV	46°, 70%, 96%
XYZ	61.0400, 63.7365, 15.3886
YIQ	202.2110, 66.8080, -32.3600

# Conversions

## Conversions Part 2

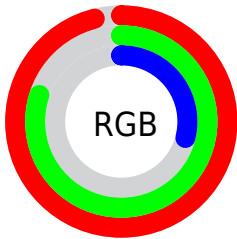
Format	Color
<a href="#">RYB</a>	<a href="#">127, 246, 73</a>
Decimal	<a href="#">16174409</a>
CIELab	<a href="#">83.83, 1.09, 67.94</a>
CIELCh	<a href="#">84, 67.949, 89.083</a>
Yxy	<a href="#">63.7365, 0.4355, 0.4547</a>
Android (android.graphics.Color)	<a href="#">4294364489</a> ( <a href="#">0xFFFF6CD49</a> )
YUV	<a href="#">202.2110, -63.7010, 38.4030</a>
Hunter-Lab	<a href="#">79.8352, -3.2349, 44.4562</a>

# Details

The Decimal color **16174409** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4813558**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **16777088**, and **12228352** is the 20% darker color. If you saturate the color by 10%, you get **16172848**, and if you desaturate by 10%, it is **16175970**.

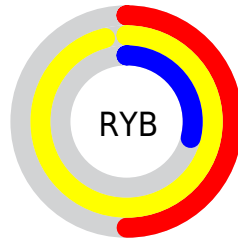
# Distribution



Red (96%)

Green (80%)

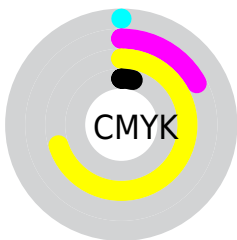
Blue (29%)



Red (50%)

Yellow (96%)

Blue (29%)

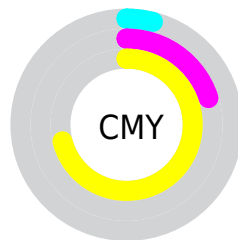


Cyan (0%)

Magenta (17%)

Yellow (70%)

Black (4%)



Cyan (4%)

Magenta (20%)


















Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16174409 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 16174409 by changing the saturation by 10% instead.



 16174409	 16174409
 16777215	 14201387
 16777088	 12228352
 16777116	 10255872
 16777145	 8414464
 16777173	 6507776
 16777203	 4732672
	 3023360
	 1379328
	 0

16174409

16174409

16172848

16175970

16171288

16177530

16169984

16178835

16180395

16181956

16183517

16185077

16186623

16187391

# Harmonies

## Analogous

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



16758115



16174409



11984986

# Triad

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



16174409



61695



16754687

# Complementary

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



16174409



4813558

# 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.



13681151



16174409



59647

# Square

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



16174409



61645



3201535



16750806

# Rectangle

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



16174409



8513657



3201535



16756735



# Sweetspot

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



16174409



16773833



16140660



8419424



0



8421504



# Same Dimension

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



16174409



16763945



13366857



8025966



12226048



3878144



# Inverse Universe

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



4813558



2710783



7621110



7238010



11450



3643



# Previews

## White Background



This preview shows how the Decimal color 16174409 looks on a white background.

## Color Contrast Check

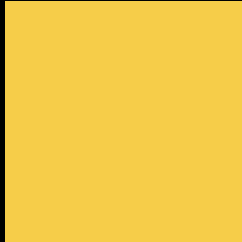
Large Text (above 18pt) WCAG AA × Fail

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 16174409 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 16174409 Background



This preview shows how black text looks on a background with the Decimal color 16174409.



This preview shows how white text looks on a background with the Decimal color 16174409.

# 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**  
16174409

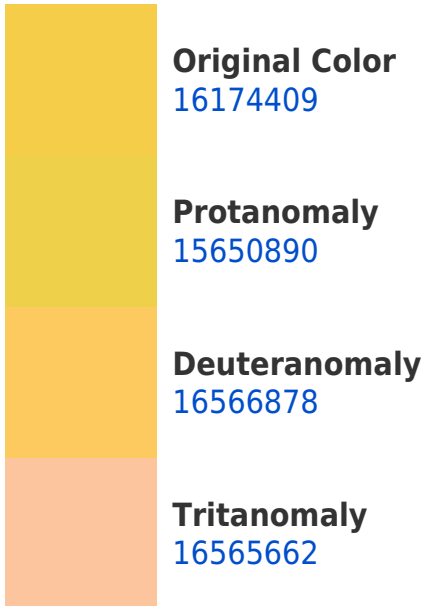
**Protanopia**  
15389258

**Deuteranopia**  
16762986



**Tritanopia**  
16761039

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16174409 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 #F6CD49 looks like.

```
.text, #text, p{  
    color:#F6CD49  
}
```

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 #F6CD49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6CD49
}
```

## Border

The CSS property to change the border of an element to Decimal 16174409 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
#F6CD49 }
```

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

```
.border{ border-color:#F6CD49 }
```

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

Here you see how a box with a 4 pixel #F6CD49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6CD49; -webkit-box-shadow:4px 4px  
4px 4px #F6CD49; box-shadow:4px 4px 4px  
4px #F6CD49 }
```

# Background

The CSS property to change the background color of an element to Decimal 16174409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6CD49 }
```

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

```
.background{ background-color:#F6CD49 }
```

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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