

# Converting Colors

Decimal(11716398)

Have a look what the booklet for  
Decimal(11716398) contains.

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**Color**

**Decimal(11716398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C72E
RGB	178, 199, 46
RGB Percent	70%, 78%, 18%
CMY	0.3020, 0.2196, 0.8196
CMYK	0.11, 0.00, 0.77, 0.22
HSL	68°, 62%, 48%
HSV	68°, 77%, 78%
XYZ	39.2767, 50.5091, 10.2639
YIQ	175.2790, 36.5970, -52.0350

# Conversions

## Conversions Part 2

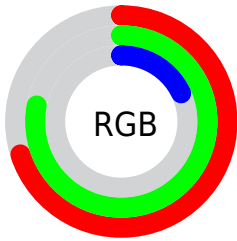
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 199, 67
Decimal	11716398
CIELab	76.38, -25.77, 68.25
CIELCh	76, 72.958, 110.685
Yxy	50.5091, 0.3926, 0.5048
Android (android.graphics.Color)	4289906478 (0xFFB2C72E)
YUV	175.2790, -63.7345, 2.3863
Hunter-Lab	71.0697, -25.7241, 41.1862

# Details

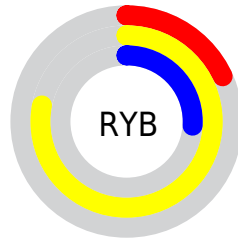
The Decimal color **11716398** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4402887**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **15597416**, and **7966976** is the 20% darker color. If you saturate the color by 10%, you get **11519770**, and if you desaturate by 10%, it is **11913026**.

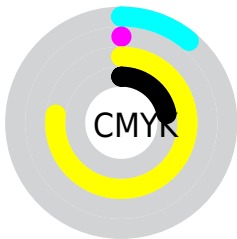
# Distribution



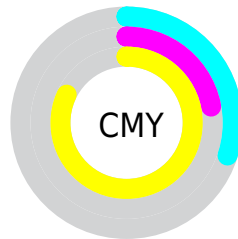
- Red (70%)
- Green (78%)
- Blue (18%)



- Red (18%)
- Yellow (78%)
- Blue (26%)



- Cyan (11%)
- Magenta (0%)
- Yellow (77%)
- Black (22%)






















- Cyan (30%)
- Magenta (22%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11716398 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 11716398 by changing the saturation by 10% instead.



 11716398	 11716398
 16777215	 9808896
 15597416	 7966976
 16777092	 6191104
 16777121	 4415232
 16777149	 2574080
 16777178	 602112
 16777208	 7680
	 0
 11716398	 11716398

■ 11519770

■ 11913026

■ 11388678

■ 12044118

■ 11323136

■ 12240746

■ 12437374

■ 12634002

■ 12765093

■ 12961721

■ 13158349

■ 13354977

# Harmonies

## Analogous

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



15839785



11716398



6149218

# Triad

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



11716398



55295



16744148

# Complementary

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



11716398



4402887

# 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.



16357119



11716398



51967

# Square

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



11716398



56554



9810943



16744337

# Rectangle

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



11716398



55949



9810943



16745707

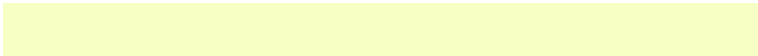


# Sweetspot

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



11716398



16252868



13058606



8093788



0



8421504



# Same Dimension

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



11716398



14679828



6735662



6447962



9282304



2040832



# Inverse Universe

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



4402887



3478783



9383623



5986915



1441955



327716



# Previews

## White Background



This preview shows how the Decimal color 11716398 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 11716398 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 11716398 Background



This preview shows how black text looks on a background with the Decimal color 11716398.

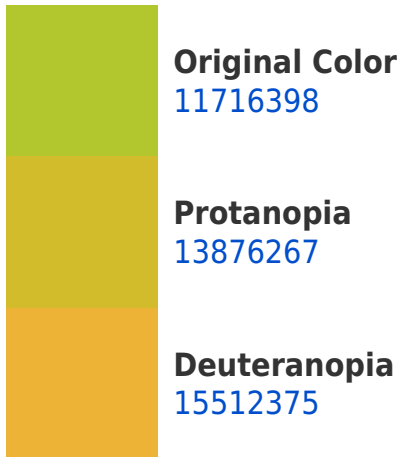


This preview shows how white text looks on a background with the Decimal color 11716398.

# 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





**Tritanopia**  
12630472

# Trichromacy



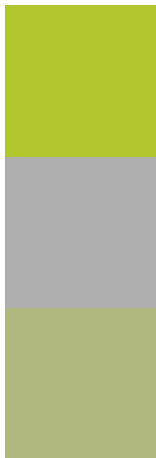
**Original Color**  
11716398

**Protanomaly**  
13090860

**Deuteranomaly**  
14137908

**Tritanomaly**  
12304016

# Monochromacy



**Original Color**  
11716398

**Achromatopsia**  
11513775

**Achromatomaly**  
11581568

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11716398 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 #B2C72E looks like.

```
.text, #text, p{  
  color:#B2C72E  
}
```

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 #B2C72E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C72E
}
```

## Border

The CSS property to change the border of an element to Decimal 11716398 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
#B2C72E }
```

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

```
.border{ border-color:#B2C72E }
```

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

Here you see how a box with a 4 pixel #B2C72E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C72E; -webkit-box-shadow:4px 4px  
4px 4px #B2C72E; box-shadow:4px 4px 4px  
4px #B2C72E }
```

# Background

The CSS property to change the background color of an element to Decimal 11716398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C72E }
```

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

```
.background{ background-color:#B2C72E }
```

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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