

# Converting Colors

Decimal(11716187)

Have a look what the booklet for  
Decimal(11716187) contains.

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# **Color**

**Decimal(11716187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C65B
RGB	178, 198, 91
RGB Percent	70%, 78%, 36%
CMY	0.3020, 0.2235, 0.6431
CMYK	0.10, 0.00, 0.54, 0.22
HSL	71°, 48%, 57%
HSV	71°, 54%, 78%
XYZ	40.4425, 50.6085, 17.5344
YIQ	179.8220, 22.4270, -37.5170

# Conversions

## Conversions Part 2

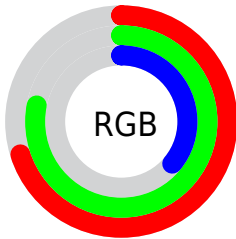
Format	Color
<a href="#">RYB</a>	<a href="#">91, 198, 111</a>
Decimal	<a href="#">11716187</a>
CIELab	<a href="#">76.44, -22.38, 50.57</a>
CIELCh	<a href="#">76, 55.302, 113.874</a>
Yxy	<a href="#">50.6085, 0.3724, 0.4661</a>
Android (android.graphics.Color)	<a href="#">4289906267 (0xFFB2C65B)</a>
YUV	<a href="#">179.8220, -43.7892, -1.5979</a>
Hunter-Lab	<a href="#">71.1396, -23.0180, 35.1840</a>

# Details

The Decimal color **11716187** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **7297990**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **15466384**, and **8097830** is the 20% darker color. If you saturate the color by 10%, you get **11454023**, and if you desaturate by 10%, it is **11978351**.

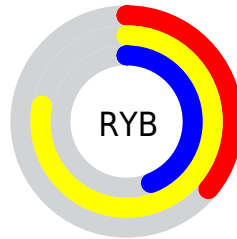
# Distribution



Red (70%)

Green (78%)

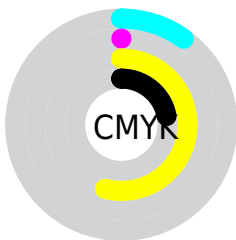
Blue (36%)



Red (36%)

Yellow (78%)

Blue (44%)

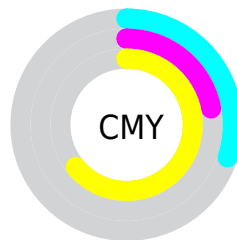


Cyan (10%)

Magenta (0%)

Yellow (54%)

Black (22%)



Cyan (30%)

Magenta (22%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11716187 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 11716187 by changing the saturation by 10% instead.





11716187



11716187

16777215



9874241



15466384



8097830



16777132



6321924



16777160



4611584



16777188



2967040



1257472



7424



0



11716187



11716187

■ 11454023

■ 11978351

■ 11257395

■ 12174979

■ 10995232

■ 12437142

■ 10733068

■ 12699306

■ 10601984

■ 12961470

■ 13158098

■ 13420262

■ 13682425

■ 13879039

# Harmonies

## Analogous

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



14988884



11716187



7655806

# Triad

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



11716187



53759



16749257

# Complementary

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



11716187



7297990

# 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.



15900665



11716187



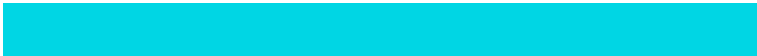
3917311

# Square

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



11716187



55012



11514879



16749718

# Rectangle

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



11716187



3462558



11514879



16750042

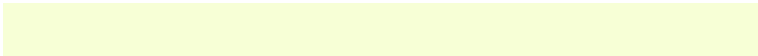


# Sweetspot

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



11716187



16252886



13004635



8093799



0



8421504



# Same Dimension

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



11716187



14745433



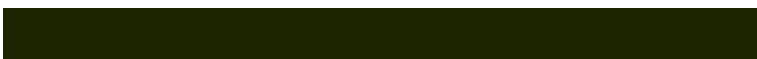
8242779



6447962



8758016



1909760



# Inverse Universe

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



7297990



7887359



10771398



5986915



2031779



458788



# Previews

## White Background



This preview shows how the Decimal color 11716187 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 11716187 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 11716187 Background



This preview shows how black text looks on a background with the Decimal color 11716187.

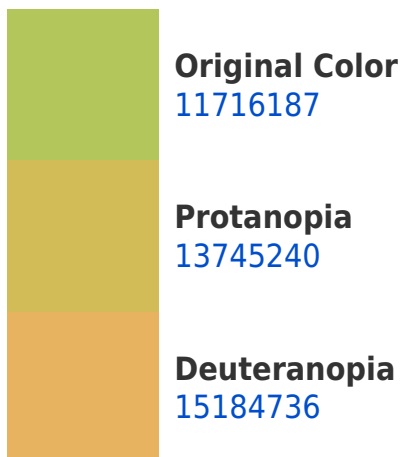



This preview shows how white text looks on a background with the Decimal color 11716187.

# 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**  
12499657

# Trichromacy



**Original Color**  
11716187

**Protanomaly**  
13025369

**Deuteranomaly**  
13941342

**Tritanomaly**  
12238497

# Monochromacy



**Original Color**  
11716187

**Achromatopsia**  
11842740

**Achromatomaly**  
11778964

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11716187 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 #B2C65B looks like.

```
.text, #text, p{  
    color:#B2C65B  
}
```

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 #B2C65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C65B
}
```

## Border

The CSS property to change the border of an element to Decimal 11716187 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
#B2C65B }
```

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

```
.border{ border-color:#B2C65B }
```

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

Here you see how a box with a 4 pixel #B2C65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C65B; -webkit-box-shadow:4px 4px  
4px 4px #B2C65B; box-shadow:4px 4px 4px  
4px #B2C65B }
```

# Background

The CSS property to change the background color of an element to Decimal 11716187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C65B }
```

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

```
.background{ background-color:#B2C65B }
```

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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