

# Converting Colors

Decimal(12176128)

Have a look what the booklet for  
Decimal(12176128) contains.

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# **Color**

**Decimal(12176128)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9CB00
RGB	185, 203, 0
RGB Percent	73%, 80%, 0%
CMY	0.2745, 0.2039, 1.0000
CMYK	0.09, 0.00, 1.00, 0.20
HSL	65°, 100%, 40%
HSV	65°, 100%, 80%
XYZ	41.3635, 53.0262, 8.0550
YIQ	174.4760, 54.4350, -66.9490

# Conversions

## Conversions Part 2

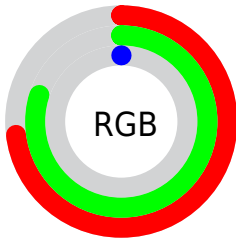
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 203, 18
Decimal	12176128
CIELab	77.89, -25.80, 77.92
CIELCh	78, 82.080, 108.317
Yxy	53.0262, 0.4038, 0.5176
Android (android.graphics.Color)	4290366208 (0xFFB9CB00)
YUV	174.4760, -86.0167, 9.2295
Hunter-Lab	72.8191, -26.0397, 44.4149

# Details

The Decimal color **12176128** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **1179851**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16121684**, and **8361216** is the 20% darker color. If you saturate the color by 10%, you get **12176128**, and if you desaturate by 10%, it is **12307220**.

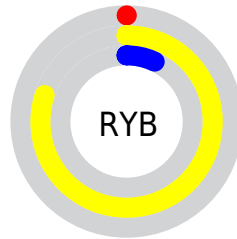
# Distribution



Red (73%)

Green (80%)

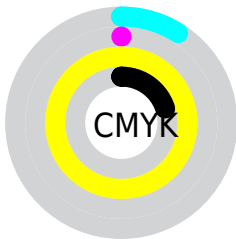
Blue (0%)



Red (0%)

Yellow (80%)

Blue (7%)

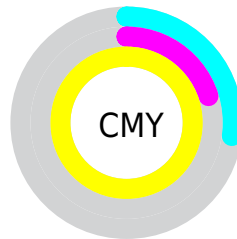


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (27%)

Magenta (20%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12176128 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 12176128 by changing the saturation by 10% instead.



 12176128	 12176128
 16777215	 10268672
 16121684	 8361216
 16777073	 6519552
 16777102	 4678144
 16777131	 2837248
 16777160	 930816
 16777190	 8192
	 0

 12176128

 12307220

 12438313

 12503869

 12634961

 12766054

 12897146

 13028238

 13093794

 13224887

# Harmonies

## Analogous

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



16691717



12176128



5888595

# Triad

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



12176128



57343



16742370

# Complementary

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



12176128



1179851

# 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.



16684799



12176128



54015

# Square

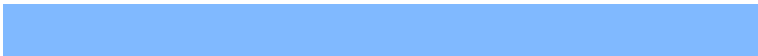
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12176128



58606



8436223



16742037

# Rectangle

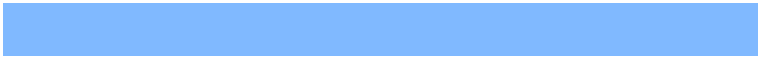
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12176128



57477



8436223



16744699



# Sweetspot

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



12176128



16318387



13308160



8093778



0



8421504



# Same Dimension

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



12176128



15269632



5622528



6645340



9938432



2303488



# Inverse Universe

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



1179851



1507583



7733451



6118502



983206



196646



# Previews

## White Background



This preview shows how the Decimal color 12176128 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 12176128 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 12176128 Background



This preview shows how black text looks on a background with the Decimal color 12176128.




This preview shows how white text looks on a background with the Decimal color 12176128.

# 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](#).

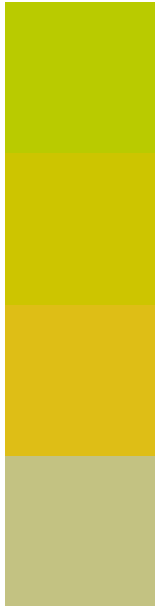
## Dichromacy





**Tritanopia**  
13155788

# Trichromacy



**Original Color**  
12176128

**Protanomaly**  
13485312

**Deuteranomaly**  
14597654

**Tritanomaly**  
12829314

# Monochromacy



**Original Color**  
12176128

**Achromatopsia**  
11447982

**Achromatomaly**  
11712879

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12176128 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 #B9CB00 looks like.

```
.text, #text, p{  
    color:#B9CB00  
}
```

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 #B9CB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9CB00
}
```

## Border

The CSS property to change the border of an element to Decimal 12176128 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
#B9CB00 }
```

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

```
.border{ border-color:#B9CB00 }
```

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

Here you see how a box with a 4 pixel #B9CB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9CB00; -webkit-box-shadow:4px 4px  
4px 4px #B9CB00; box-shadow:4px 4px 4px  
4px #B9CB00 }
```

# Background

The CSS property to change the background color of an element to Decimal 12176128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9CB00 }
```

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

```
.background{ background-color:#B9CB00 }
```

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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