

Converting Colors

Decimal(12176231)

Have a look what the booklet for
Decimal(12176231) contains.

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Color

Decimal(12176231)

Conversions

Conversions Part 1

Format	Color
Hex	B9CB67
RGB	185, 203, 103
RGB Percent	73%, 80%, 40%
CMY	0.2745, 0.2039, 0.5961
CMYK	0.09, 0.00, 0.49, 0.20
HSL	71°, 49%, 60%
HSV	71°, 49%, 80%
XYZ	43.8117, 54.0054, 20.9469
YIQ	186.2180, 21.3720, -34.9160

Conversions

Conversions Part 2

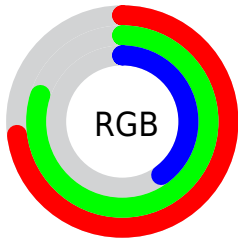
Format	Color
RYB	103, 203, 121
Decimal	12176231
CIELab	78.46, -20.94, 47.41
CIELCh	78, 51.832, 113.827
Yxy	54.0054, 0.3689, 0.4547
Android (android.graphics.Color)	4290366311 (0xFFB9CB67)
YUV	186.2180, -41.0265, -1.0682
Hunter-Lab	73.4884, -22.1880, 34.5420

Details

The Decimal color **12176231** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7956427**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **15990684**, and **8557876** is the 20% darker color. If you saturate the color by 10%, you get **11914067**, and if you desaturate by 10%, it is **12438395**.

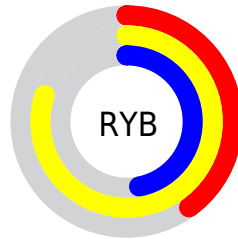
Distribution



Red (73%)

Green (80%)

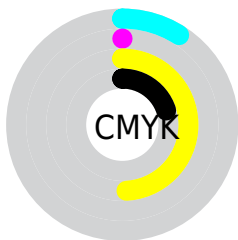
Blue (40%)



Red (40%)

Yellow (80%)

Blue (47%)

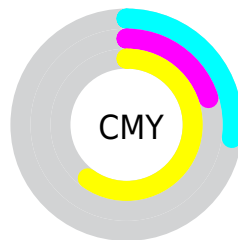


Cyan (9%)

Magenta (0%)

Yellow (49%)

Black (20%)



Cyan (27%)

















Magenta (20%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12176231 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 12176231 by changing the saturation by 10% instead.

 12176231	 12176231
16777215	 10334285
 15990684	 8557876
 16777144	 6781720
 16777172	 5071360
 16777201	 3492352
	 1782784
	 7936
	 0
 12176231	 12176231

■ 11914067

■ 12438395

■ 11717438

■ 12635024

■ 11455274

■ 12897188

■ 11193110

■ 13159352

■ 10996482

■ 13355981

■ 10930944

■ 13618145

■ 13880309

■ 14076927

■ 14339071

Harmonies

Analogous

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



15252576



12176231



8443271

Triad

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



12176231



54783



16751566

Complementary

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



12176231



7956427

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.



16099324



12176231



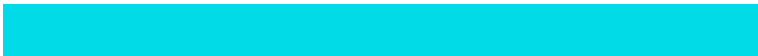
5819135

Square

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



12176231



56295



12040703



16752030

Rectangle

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



12176231



5036454



12040703



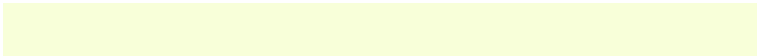
16752350

Sweetspot

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



12176231



16318425



13334631



8093801



0



8421504

Same Dimension

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



12176231



15007593



8964967



6579804



8955392



2041344

Inverse Universe

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



7956427



8677887



11167691



6184038



1966246



458790

Previews

White Background



This preview shows how the Decimal color 12176231 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 12176231 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 12176231 Background



This preview shows how black text looks on a background with the Decimal color 12176231.

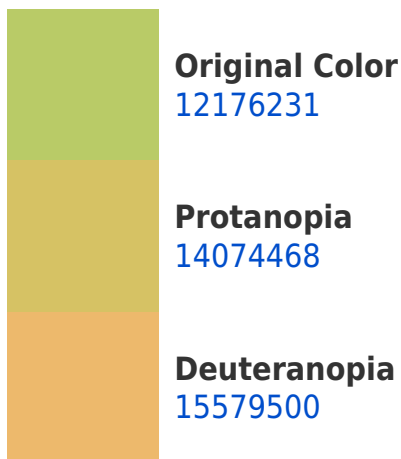



This preview shows how white text looks on a background with the Decimal color 12176231.

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
12959695

Trichromacy



Original Color
12176231

Protanomaly
13354341

Deuteranomaly
14336106

Tritanomaly
12698537

Monochromacy



Original Color
12176231

Achromatopsia
12237498

Achromatomaly
12239004

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12176231 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 #B9CB67 looks like.

```
.text, #text, p{  
    color:#B9CB67  
}
```

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 #B9CB67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9CB67
}
```

Border

The CSS property to change the border of an element to Decimal 12176231 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
#B9CB67 }
```

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

```
.border{ border-color:#B9CB67 }
```

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

Here you see how a box with a 4 pixel #B9CB67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9CB67; -webkit-box-shadow:4px 4px  
4px 4px #B9CB67; box-shadow:4px 4px 4px  
4px #B9CB67 }
```

Background

The CSS property to change the background color of an element to Decimal 12176231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9CB67 }
```

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

```
.background{ background-color:#B9CB67 }
```

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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