

Converting Colors

Decimal(12176677)

Have a look what the booklet for
Decimal(12176677) contains.

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Color

Decimal(12176677)

Conversions

Conversions Part 1

Format	Color
Hex	B9CD25
RGB	185, 205, 37
RGB Percent	73%, 80%, 15%
CMY	0.2745, 0.1961, 0.8549
CMYK	0.10, 0.00, 0.82, 0.20
HSL	67°, 69%, 47%
HSV	67°, 82%, 80%
XYZ	42.1728, 54.1105, 9.9719
YIQ	179.8680, 42.0080, -56.4880

Conversions

Conversions Part 2

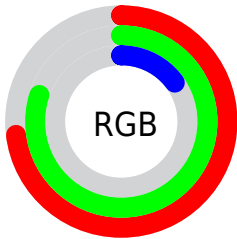
Format	Color
RYB	37, 205, 57
Decimal	12176677
CIELab	78.53, -26.08, 72.83
CIELCh	79, 77.355, 109.704
Yxy	54.1105, 0.3969, 0.5093
Android (android.graphics.Color)	4290366757 (0xFFB9CD25)
YUV	179.8680, -70.4339, 4.5008
Hunter-Lab	73.5598, -26.3933, 43.4544

Details

The Decimal color **12176677** 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 **3745229**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16056163**, and **8427264** is the 20% darker color. If you saturate the color by 10%, you get **12045584**, and if you desaturate by 10%, it is **12307770**.

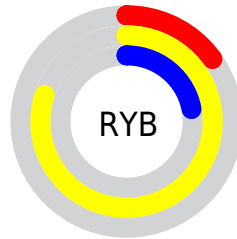
Distribution



Red (73%)

Green (80%)

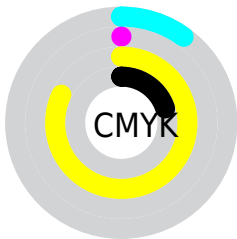
Blue (15%)



Red (15%)

Yellow (80%)

Blue (22%)

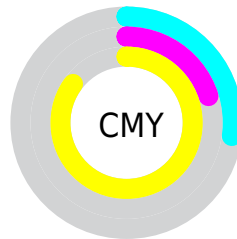


Cyan (10%)

Magenta (0%)

Yellow (82%)

Black (20%)



Cyan (27%)




















Magenta (20%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12176677 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 12176677 by changing the saturation by 10% instead.

 12176677	 12176677
 16777215	 10269184
 16056163	 8427264
 16777088	 6585600
 16777116	 4744192
 16777145	 2903040
 16777174	 1062144
 16777204	 8448
	 0
 12176677	 12176677

■ 12045584

■ 12307770

■ 11914496

■ 12504398

■ 12635491

■ 12832119

■ 12963211

■ 13159840

■ 13290933

■ 13487561

■ 13618654

Harmonies

Analogous

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



16496161



12176677



6216543

Triad

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



12176677



57343



16744414

Complementary

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



12176677



3745229

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.



16751359



12176677



54015

Square

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



12176677



58609



9616127



16744342

Rectangle

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



12176677



57742



9616127



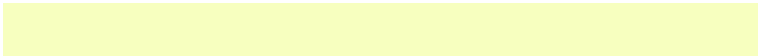
16746230

Sweetspot

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



12176677



16252863



13449509



8093785



0



8421504

Same Dimension

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



12176677



14810885



6671653



6645340



9610752



2237952

Inverse Universe

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



3745229



2295295



9250253



6118502



1310886



327718

Previews

White Background



This preview shows how the Decimal color 12176677 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 12176677 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 12176677 Background



This preview shows how black text looks on a background with the Decimal color 12176677.

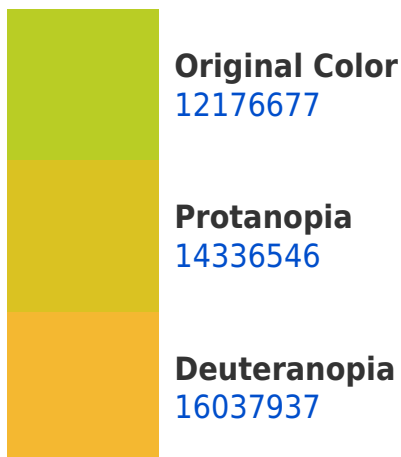



This preview shows how white text looks on a background with the Decimal color 12176677.

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
13156302

Trichromacy



Original Color
12176677

Protanomaly
13551139

Deuteranomaly
14663725

Tritanomaly
12829841

Monochromacy



Original Color
12176677

Achromatopsia
11842740

Achromatomaly
11976064

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12176677 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 #B9CD25 looks like.

```
.text, #text, p{  
  color:#B9CD25  
}
```

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 #B9CD25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9CD25
}
```

Border

The CSS property to change the border of an element to Decimal 12176677 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
#B9CD25 }
```

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

```
.border{ border-color:#B9CD25 }
```

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

Here you see how a box with a 4 pixel #B9CD25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9CD25; -webkit-box-shadow:4px 4px  
4px 4px #B9CD25; box-shadow:4px 4px 4px  
4px #B9CD25 }
```

Background

The CSS property to change the background color of an element to Decimal 12176677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9CD25 }
```

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

```
.background{ background-color:#B9CD25 }
```

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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