

Converting Colors

Decimal(12177480)

Have a look what the booklet for
Decimal(12177480) contains.

Decimal(12177480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12177480)

Conversions

Conversions Part 1

Format	Color
Hex	B9D048
RGB	185, 208, 72
RGB Percent	73%, 82%, 28%
CMY	0.2745, 0.1843, 0.7176
CMYK	0.11, 0.00, 0.65, 0.18
HSL	70°, 59%, 55%
HSV	70°, 65%, 82%
XYZ	43.7332, 55.8939, 14.6145
YIQ	185.6190, 29.9480, -47.1720

Conversions

Conversions Part 2

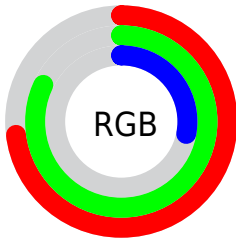
Format	Color
RYB	72, 208, 95
Decimal	12177480
CIELab	79.55, -25.86, 62.35
CIELCh	80, 67.497, 112.529
Yxy	55.8939, 0.3828, 0.4893
Android (android.graphics.Color)	4290367560 (0xFFB9D048)
YUV	185.6190, -56.0142, -0.5429
Hunter-Lab	74.7622, -26.4180, 40.7436

Details

The Decimal color **12177480** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **6244560**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **16056191**, and **8493568** is the 20% darker color. If you saturate the color by 10%, you get **11915315**, and if you desaturate by 10%, it is **12439645**.

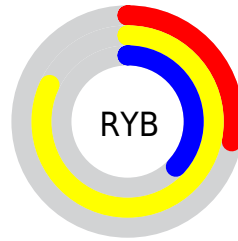
Distribution



Red (73%)

Green (82%)

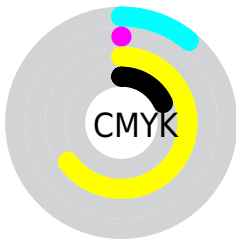
Blue (28%)



Red (28%)

Yellow (82%)

Blue (37%)

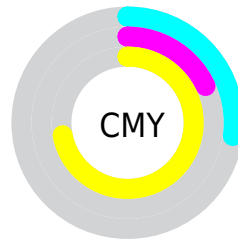


Cyan (11%)

Magenta (0%)

Yellow (65%)

Black (18%)



Cyan (27%)

Magenta (18%)


Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12177480 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 12177480 by changing the saturation by 10% instead.

 12177480

 12177480

16777215

 10335275

 16056191

 8493568

 16777115

 6651904

 16777143

 4876032

 16777171


 3165696

 16777201

 1259264

 8960

 0

 12177480

 12177480

■ 11915315

■ 12439645

■ 11718686

■ 12636274

■ 11456522

■ 12898438

■ 11390976

■ 13095067

■ 13357232

■ 13553861

■ 13816026

■ 14012654

■ 14274815

Harmonies

Analogous

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



16104513



12177480



7069045

Triad

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



12177480



57087



16748248

Complementary

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



12177480



6244560

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.



16753151



12177480



53759

Square

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



12177480



58611



11320319



16748697

Rectangle

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



12177480



57757



11320319



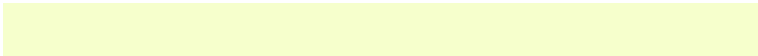
16749292

Sweetspot

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



12177480



16187340



13655880



8028257



0



8421504

Same Dimension

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



12177480



14548792



7721032



6777182



9218048



2238720

Inverse Universe

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



6244560



5912831



10701008



6315625



1835176



458793

Previews

White Background



This preview shows how the Decimal color 12177480 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 12177480 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 12177480 Background



This preview shows how black text looks on a background with the Decimal color 12177480.

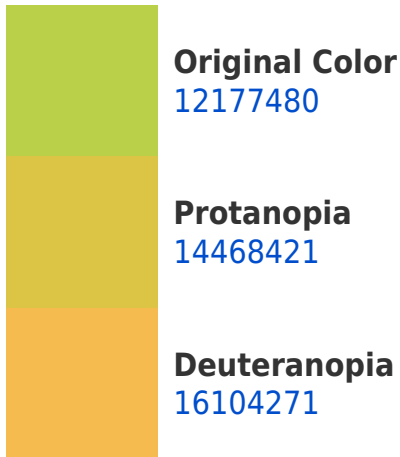


This preview shows how white text looks on a background with the Decimal color 12177480.

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
13091794

Trichromacy



Original Color
12177480

Protanomaly
13617478

Deuteranomaly
14664524

Tritanomaly
12765344

Monochromacy



Original Color
12177480

Achromatopsia
12237498

Achromatomaly
12239505

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12177480 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 #B9D048 looks like.

```
.text, #text, p{  
    color:#B9D048  
}
```

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 #B9D048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D048
}
```

Border

The CSS property to change the border of an element to Decimal 12177480 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
#B9D048 }
```

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

```
.border{ border-color:#B9D048 }
```

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

Here you see how a box with a 4 pixel #B9D048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D048; -webkit-box-shadow:4px 4px  
4px 4px #B9D048; box-shadow:4px 4px 4px  
4px #B9D048 }
```

Background

The CSS property to change the background color of an element to Decimal 12177480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D048 }
```

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

```
.background{ background-color:#B9D048 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor