

Converting Colors

Decimal(12309835)

Have a look what the booklet for
Decimal(12309835) contains.

| | |
|--|----|
| Decimal(12309835) | 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(12309835)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BBD54B |
| RGB | 187, 213, 75 |
| RGB Percent | 73%, 84%, 29% |
| CMY | 0.2667, 0.1647, 0.7059 |
| CMYK | 0.12, 0.00, 0.65, 0.16 |
| HSL | 71°, 62%, 56% |
| HSV | 71°, 65%, 84% |
| XYZ | 45.5578, 58.6613, 15.5782 |
| YIQ | 189.4940, 28.8020, -48.4300 |

Conversions

Conversions Part 2

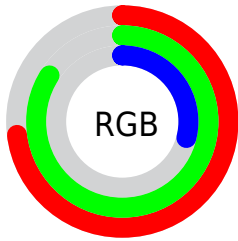
| Format | Color |
|-------------------------------------|---|
| RYB | 75, 213, 101 |
| Decimal | 12309835 |
| CIELab | 81.11, -27.25, 62.82 |
| CIELCh | 81, 68.476, 113.455 |
| Yxy | 58.6613, 0.3803, 0.4897 |
| Android (android.graphics.Color) | 4290499915 (0xFFBBD54B) |
| YUV | 189.4940, -56.4455, -2.1872 |
| Hunter-Lab | 76.5907, -27.8580, 41.5541 |

Details

The Decimal color **12309835** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **6638549**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16187266**, and **8560134** is the 20% darker color. If you saturate the color by 10%, you get **12047670**, and if you desaturate by 10%, it is **12572000**.

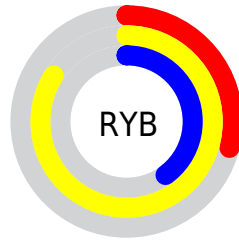
Distribution



Red (73%)

Green (84%)

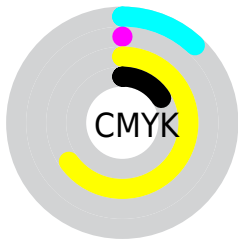
Blue (29%)



Red (29%)

Yellow (84%)

Blue (40%)

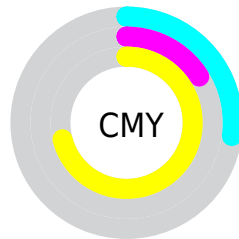


Cyan (12%)

Magenta (0%)

Yellow (65%)

Black (16%)



Cyan (27%)


















Magenta (16%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12309835 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 12309835 by changing the saturation by 10% instead.

| | |
|--|--|
|  12309835 |  12309835 |
|  16777215 |  10402094 |
|  16187266 |  8560134 |
|  16777118 |  6784000 |
|  16777146 |  5008128 |
|  16777175 |  3232512 |
|  16777204 |  1325824 |
| |  9728 |
| |  2048 |
| |  0 |

■ 12309835

■ 12309835

■ 12047670

■ 12572000

■ 11785504

■ 12834166

■ 11523339

■ 13096331

■ 11392256

■ 13358496

■ 13620661

■ 13882827

■ 14144992

■ 14407157

■ 14669311

Harmonies

Analogous

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



16302402



12309835



7004794

Triad

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



12309835



58367



16749018

Complementary

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



12309835



6638549

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.



16753919



12309835



54783

Square

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



12309835



59643



11779839



16749722

Rectangle

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



12309835



59043



11779839



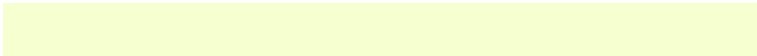
16750064

Sweetspot

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



12309835



16187343



13984843



8028258



0



8421504

Same Dimension

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



12309835



14352184



7853387



6908768



9153280



2304768

Inverse Universe

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



6638549



6174975



11094997



6447211



2097323



524331

Previews

White Background



This preview shows how the Decimal color 12309835 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 12309835 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 12309835 Background



This preview shows how black text looks on a background with the Decimal color 12309835.

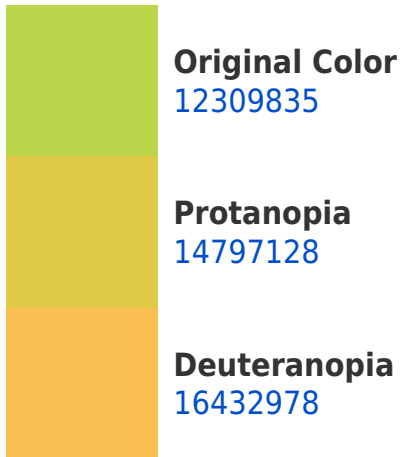


This preview shows how white text looks on a background with the Decimal color 12309835.

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
13289431

Trichromacy



Original Color
12309835

Protanomaly
13880649

Deuteranomaly
14927695

Tritanomaly
12962980

Monochromacy



Original Color
12309835

Achromatopsia
12434877

Achromatomaly
12371604

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12309835 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 #BBD54B looks like.

```
.text, #text, p{  
    color:#BBD54B  
}
```

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 #BBD54B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD54B
}
```

Border

The CSS property to change the border of an element to Decimal 12309835 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
#BBD54B }
```

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

```
.border{ border-color:#BBD54B }
```

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

Here you see how a box with a 4 pixel #BBD54B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD54B; -webkit-box-shadow:4px 4px  
4px 4px #BBD54B; box-shadow:4px 4px 4px  
4px #BBD54B }
```

Background

The CSS property to change the background color of an element to Decimal 12309835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD54B }
```

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

```
.background{ background-color:#BBD54B }
```

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