

Converting Colors

Decimal(12309268)

Have a look what the booklet for
Decimal(12309268) contains.

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Color

Decimal(12309268)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BBD314 |
| RGB | 187, 211, 20 |
| RGB Percent | 73%, 83%, 8% |
| CMY | 0.2667, 0.1725, 0.9216 |
| CMYK | 0.11, 0.00, 0.91, 0.17 |
| HSL | 68°, 83%, 45% |
| HSV | 68°, 91%, 83% |
| XYZ | 43.9140, 57.2038, 9.3887 |
| YIQ | 182.0500, 47.0070, -64.4890 |

Conversions

Conversions Part 2

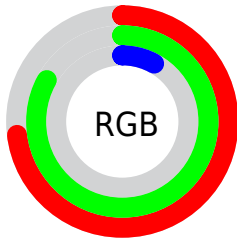
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 20, 211, 44 |
| Decimal | 12309268 |
| CIELab | 80.29, -28.52, 77.67 |
| CIElCh | 80, 82.738, 110.166 |
| Yxy | 57.2038, 0.3974, 0.5177 |
| Android (android.graphics.Color) | 4290499348 (0xFFBBD314) |
| YUV | 182.0500, -79.8906, 4.3412 |
| Hunter-Lab | 75.6332, -28.7177, 45.5833 |

Details

The Decimal color **12309268** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **2888915**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16252764**, and **8494336** is the 20% darker color. If you saturate the color by 10%, you get **12112640**, and if you desaturate by 10%, it is **12505897**.

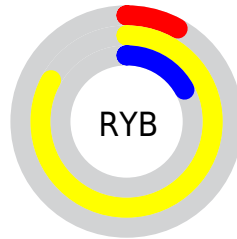
Distribution



Red (73%)

Green (83%)

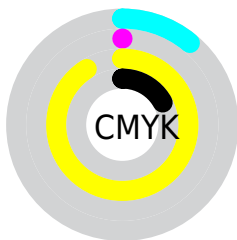
Blue (8%)



Red (8%)

Yellow (83%)

Blue (17%)

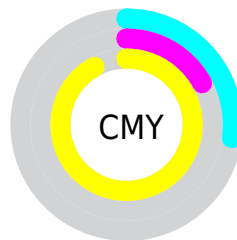


Cyan (11%)

Magenta (0%)

Yellow (91%)

Black (17%)



Cyan (27%)



















Magenta (17%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12309268 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 12309268 by changing the saturation by 10% instead.

| | |
|--|--|
|  12309268 |  12309268 |
|  16777215 |  10401536 |
|  16252764 |  8494336 |
|  16777081 |  6652416 |
|  16777110 |  4811008 |
|  16777139 |  2904320 |
|  16777168 |  932352 |
|  16777198 |  9472 |
| |  512 |
| |  0 |

■ 12309268

■ 12309268

■ 12112640

■ 12505897

■ 12636990

■ 12833619

■ 13030248

■ 13161341

■ 13357971

■ 13554600

■ 13685693

■ 13882322

Harmonies

Analogous

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



16759564



12309268



5694045

Triad

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



12309268



59135



16743908

Complementary

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



12309268



2888915

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



12309268



55551

Square

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



12309268



60410



9616895



16743831

Rectangle

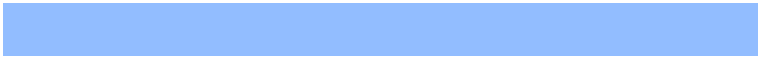
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12309268



59536



9616895



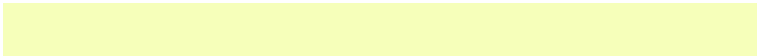
16745725

Sweetspot

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



12309268



16187322



13838868



8028247



0



8421504

Same Dimension

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



12309268



14679808



6148884



6777182



9676800



2369792

Inverse Universe

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



2888915



2097407



9049299



6250089



1376424



327721

Previews

White Background



This preview shows how the Decimal color 12309268 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 12309268 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 12309268 Background



This preview shows how black text looks on a background with the Decimal color 12309268.




This preview shows how white text looks on a background with the Decimal color 12309268.

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
13354196

Trichromacy



Original Color
12309268

Protanomaly
13880081

Deuteranomaly
14927137

Tritanomaly
12962190

Monochromacy



Original Color
12309268

Achromatopsia
11974326

Achromatomaly
12108155

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12309268 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 #BBD314 looks like.

```
.text, #text, p{  
    color:#BBD314  
}
```

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 #BBD314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD314
}
```

Border

The CSS property to change the border of an element to Decimal 12309268 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
#BBD314 }
```

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

```
.border{ border-color:#BBD314 }
```

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

Here you see how a box with a 4 pixel #BBD314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD314; -webkit-box-shadow:4px 4px  
4px 4px #BBD314; box-shadow:4px 4px 4px  
4px #BBD314 }
```

Background

The CSS property to change the background color of an element to Decimal 12309268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD314 }
```

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

```
.background{ background-color:#BBD314 }
```

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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