

Converting Colors

Decimal(12291130)

Have a look what the booklet for
Decimal(12291130) contains.

Decimal(12291130)	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(12291130)

Conversions

Conversions Part 1

Format	Color
Hex	BB8C3A
RGB	187, 140, 58
RGB Percent	73%, 55%, 23%
CMY	0.2667, 0.4510, 0.7725
CMYK	0.00, 0.25, 0.69, 0.27
HSL	38°, 53%, 48%
HSV	38°, 69%, 73%
XYZ	30.6353, 29.6265, 8.1068
YIQ	144.7050, 54.3340, -15.5380

Conversions

Conversions Part 2

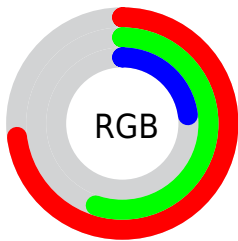
Format	Color
RYB	132, 187, 58
Decimal	12291130
CIELab	61.33, 9.50, 49.19
CIELCh	61, 50.099, 79.072
Yxy	29.6265, 0.4481, 0.4333
Android (android.graphics.Color)	4290481210 (0xFFBB8C3A)
YUV	144.7050, -42.7456, 37.0927
Hunter-Lab	54.4302, 5.2136, 29.2705

Details

The Decimal color **12291130** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3828155**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16171373**, and **8542720** is the 20% darker color. If you saturate the color by 10%, you get **12289319**, and if you desaturate by 10%, it is **12292941**.

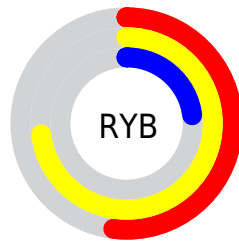
Distribution



Red (73%)

Green (55%)

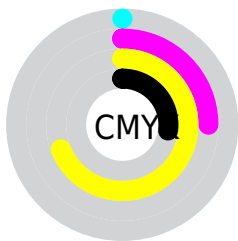
Blue (23%)



Red (52%)

Yellow (73%)

Blue (23%)

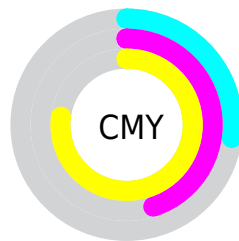


Cyan (0%)

Magenta (25%)

Yellow (69%)

Black (27%)



Cyan (27%)

Magenta (45%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12291130 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 12291130 by changing the saturation by 10% instead.

 12291130

 12291130

16777215

 10384160

 16171373

 8542720

 16768391

 6701824

 16775842

 4926720

 16777150

 3217408

 16777178

 1638400

 16777207

 0

 12291130

 12291130

 12289319

 12292941

■ 12287509

■ 12294751

■ 12285954

■ 12296306

■ 12285696

■ 12298117

■ 12299928

■ 12301738

■ 12303549

■ 12305360

■ 12306914

Harmonies

Analogous

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



14252883



12291130



9607740

Triad

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



12291130



43696



12221903

Complementary

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



12291130



3828155

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.



8097768



12291130



42966

Square

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



12291130



43394



40683



14512038

Rectangle

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



12291130



7446860



40683



11109337

Sweetspot

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



12291130



15917247



12270185



8023900



16448250



8026746

Same Dimension

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



12291130



15903017



11189050



6183765



10380288



2036480

Inverse Universe

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



3828155



2716402



4930235



5593182



15006



2847

Previews

White Background



This preview shows how the Decimal color 12291130 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 12291130 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12291130 Background



This preview shows how black text looks on a background with the Decimal color 12291130.



This preview shows how white text looks on a background with the Decimal color 12291130.

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



Original Color
12291130

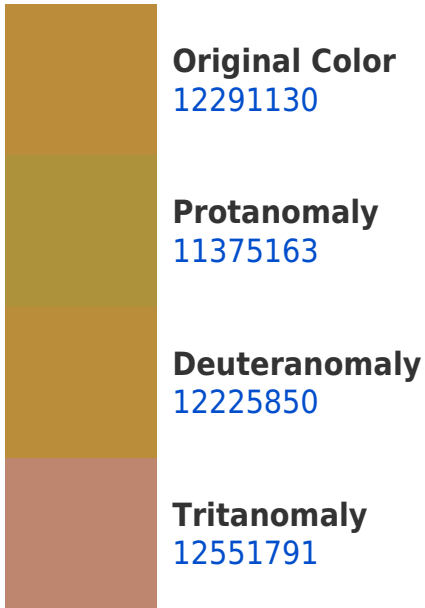
Protanopia
10851644

Deuteranopia
12160314



Tritanopia
12682125

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12291130 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 #BB8C3A looks like.

```
.text, #text, p{  
  color:#BB8C3A  
}
```

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 #BB8C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8C3A
}
```

Border

The CSS property to change the border of an element to Decimal 12291130 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
#BB8C3A }
```

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

```
.border{ border-color:#BB8C3A }
```

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

Here you see how a box with a 4 pixel #BB8C3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8C3A; -webkit-box-shadow:4px 4px  
4px 4px #BB8C3A; box-shadow:4px 4px 4px  
4px #BB8C3A }
```

Background

The CSS property to change the background color of an element to Decimal 12291130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8C3A }
```

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

```
.background{ background-color:#BB8C3A }
```

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