

Converting Colors

Decimal(12098590)

Have a look what the booklet for
Decimal(12098590) contains.

Decimal(12098590)	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(12098590)

Conversions

Conversions Part 1

Format	Color
Hex	B89C1E
RGB	184, 156, 30
RGB Percent	72%, 61%, 12%
CMY	0.2784, 0.3882, 0.8824
CMYK	0.00, 0.15, 0.84, 0.28
HSL	49°, 72%, 42%
HSV	49°, 84%, 72%
XYZ	31.8900, 34.0610, 6.1219
YIQ	150.0080, 57.1340, -33.2500

Conversions

Conversions Part 2

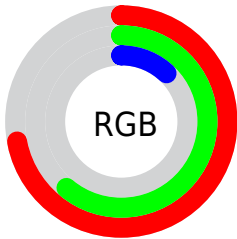
Format	Color
RYB	64, 184, 30
Decimal	12098590
CIELab	65.01, -1.75, 63.05
CIELCh	65, 63.079, 91.589
Yxy	34.0610, 0.4425, 0.4726
Android (android.graphics.Color)	4290288670 (0xFFB89C1E)
YUV	150.0080, -59.1639, 29.8110
Hunter-Lab	58.3618, -4.5975, 34.6340

Details

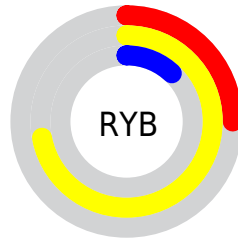
The Decimal color **12098590** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1981112**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16044632**, and **8349952** is the 20% darker color. If you saturate the color by 10%, you get **12097804**, and if you desaturate by 10%, it is **12099376**.

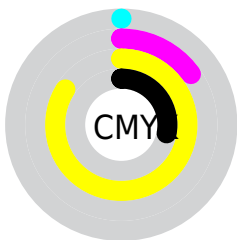
Distribution



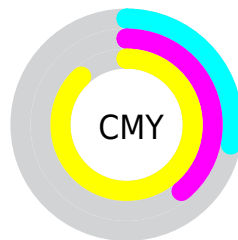
- Red (72%)
- Green (61%)
- Blue (12%)



- Red (25%)
- Yellow (72%)
- Blue (12%)



- Cyan (0%)
- Magenta (15%)
- Yellow (84%)
- Black (28%)



- Cyan (28%)
- Magenta (39%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12098590 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 12098590 by changing the saturation by 10% instead.

 12098590

 12098590

16777215

 10191360

 16044632

 8349952

 16772723

 6508800

 16777102

 4733696

 16777130

 3024128

 16777158

 1315072

 16777187

 0

 12098590

 12098590

 12097804

 12099376

■ 12097280

■ 12100419

■ 12101205

■ 12101992

■ 12103034

■ 12103820

■ 12104607

■ 12105649

■ 12106436

Harmonies

Analogous

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



14976824



12098590



8366901

Triad

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



12098590



47319



14972372

Complementary

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



12098590



1981112

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.



10653182



12098590



45567

Square

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



12098590



47519



41983



16738461

Rectangle

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



12098590



4960852



41983



13860325

Sweetspot

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



12098590



15787444



12066362



7893332



16250871



7895160

Same Dimension

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



12098590



15778816



8894494



6052435



10256128



1840896

Inverse Universe

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



1981112



11504



5185208



5461084



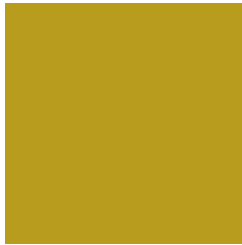
7324



1308

Previews

White Background



This preview shows how the Decimal color 12098590 looks on a white background.

Color Contrast Check

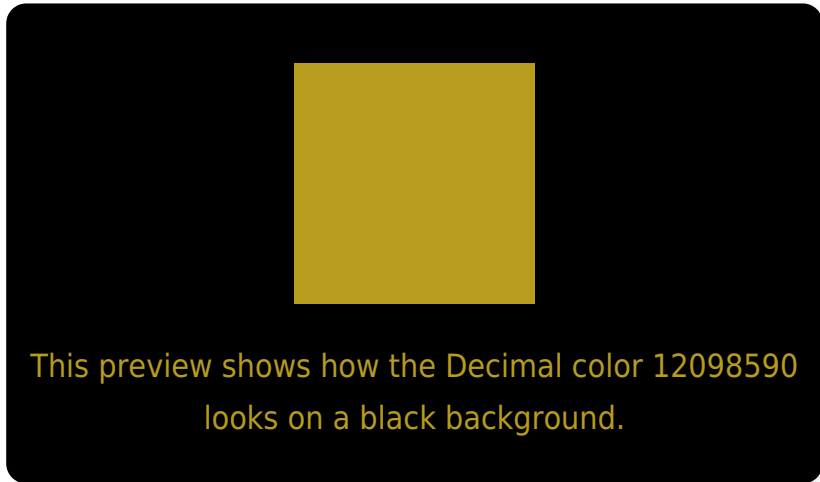
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 12098590 Background



This preview shows how black text looks on a background with the Decimal color 12098590.

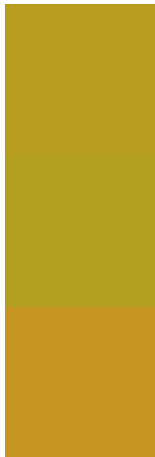


This preview shows how white text looks on a background with the Decimal color 12098590.

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
12098590

Protanopia
11705887

Deuteranopia
13080098



Tritanopia
12620188

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12098590 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 #B89C1E looks like.

```
.text, #text, p{  
    color:#B89C1E  
}
```

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 #B89C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89C1E
}
```

Border

The CSS property to change the border of an element to Decimal 12098590 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
#B89C1E }
```

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

```
.border{ border-color:#B89C1E }
```

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

Here you see how a box with a 4 pixel #B89C1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89C1E; -webkit-box-shadow:4px 4px  
4px 4px #B89C1E; box-shadow:4px 4px 4px  
4px #B89C1E }
```

Background

The CSS property to change the background color of an element to Decimal 12098590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89C1E }
```

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

```
.background{ background-color:#B89C1E }
```

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