

Converting Colors

Decimal(8958796)

Have a look what the booklet for
Decimal(8958796) contains.

Decimal(8958796)	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(8958796)

Conversions

Conversions Part 1

Format	Color
Hex	88B34C
RGB	136, 179, 76
RGB Percent	53%, 70%, 30%
CMY	0.4667, 0.2980, 0.7020
CMYK	0.24, 0.00, 0.58, 0.30
HSL	85°, 40%, 50%
HSV	85°, 58%, 70%
XYZ	27.5779, 37.9962, 12.7180
YIQ	154.4010, 7.4350, -41.1490

Conversions

Conversions Part 2

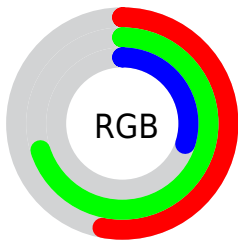
Format	Color
RYB	76, 179, 119
Decimal	8958796
CIELab	68.02, -31.13, 47.09
CIELCh	68, 56.454, 123.468
Yxy	37.9962, 0.3522, 0.4853
Android (android.graphics.Color)	4287148876 (0xFF88B34C)
YUV	154.4010, -38.6517, -16.1377
Hunter-Lab	61.6411, -28.0118, 30.9159

Details

The Decimal color **8958796** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7818419**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **12643200**, and **5471767** is the 20% darker color. If you saturate the color by 10%, you get **8500026**, and if you desaturate by 10%, it is **9417566**.

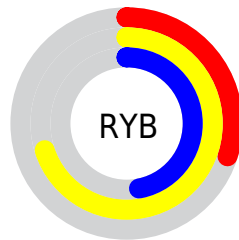
Distribution



Red (53%)

Green (70%)

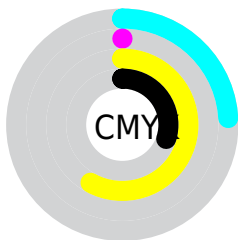
Blue (30%)



Red (30%)

Yellow (70%)

Blue (47%)

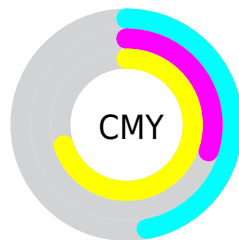


Cyan (24%)

Magenta (0%)

Yellow (58%)

Black (30%)



Cyan (47%)

Magenta (30%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8958796 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 8958796 by changing the saturation by 10% instead.

8958796

8958796

16777215

7182386

12643200

5471767

14483355

3761408

16383927

2051072

16777171

13568

16777200

8704

0

8958796

8958796

8500026

9417566

■ 7975720

■ 9941872

■ 7516950

■ 10400642

■ 6992644

■ 10924948

■ 6861568

■ 11383717

■ 11908023

■ 12366793

■ 12891099

■ 13349869

Harmonies

Analogous

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



12428602



8958796



3980150

Triad

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



8958796



47103



16742562

Complementary

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



8958796



7818419

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.



15303380



8958796



4827647

Square

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



8958796



48861



11572987



16744560

Rectangle

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



8958796



48793



11572987



16612019

Sweetspot

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



8958796



14215361



11761484



7107934



16119285



7697781

Same Dimension

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



8958796



10872904



5616460



5658960



5871872



989696

Inverse Universe

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



7818419



9128168



11160755



5525593



4194457



720922

Previews

White Background



This preview shows how the Decimal color 8958796 looks on a white background.

Color Contrast Check

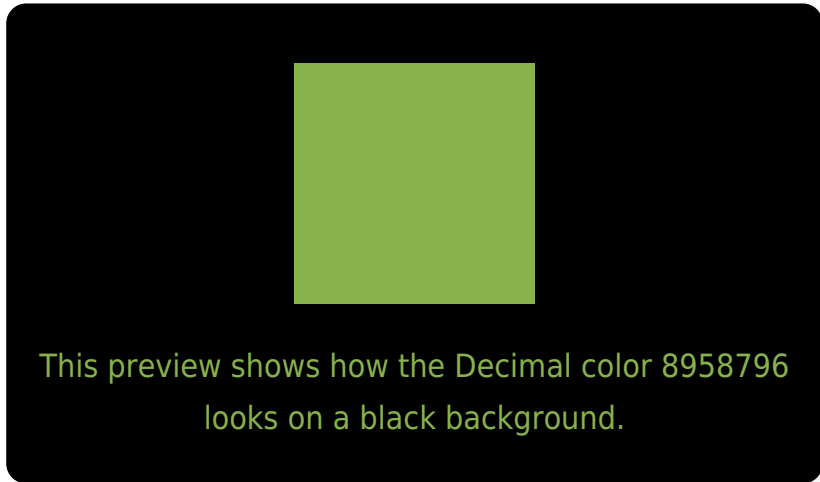
Large Text (above 18pt) WCAG AA × Fail

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 8958796 Background



This preview shows how black text looks on a background with the Decimal color 8958796.



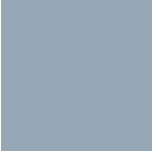
This preview shows how white text looks on a background with the Decimal color 8958796.

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
9873589

Trichromacy



Original Color
8958796

Protanomaly
10988105

Deuteranomaly
11773264

Tritanomaly
9546895

Monochromacy



Original Color
8958796

Achromatopsia
10132122

Achromatomaly
9675646

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8958796 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 #88B34C looks like.

```
.text, #text, p{  
    color:#88B34C  
}
```

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 #88B34C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88B34C
}
```

Border

The CSS property to change the border of an element to Decimal 8958796 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
#88B34C }
```

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

```
.border{ border-color:#88B34C }
```

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

Here you see how a box with a 4 pixel #88B34C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88B34C; -webkit-box-shadow:4px 4px  
4px 4px #88B34C; box-shadow:4px 4px 4px  
4px #88B34C }
```

Background

The CSS property to change the background color of an element to Decimal 8958796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88B34C }
```

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

```
.background{ background-color:#88B34C }
```

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