

Converting Colors

Decimal(8299359)

Have a look what the booklet for
Decimal(8299359) contains.

Decimal(8299359)	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(8299359)

Conversions

Conversions Part 1

Format	Color
Hex	7EA35F
RGB	126, 163, 95
RGB Percent	49%, 64%, 37%
CMY	0.5059, 0.3608, 0.6275
CMYK	0.23, 0.00, 0.42, 0.36
HSL	93°, 27%, 51%
HSV	93°, 42%, 64%
XYZ	23.7669, 31.4562, 15.6455
YIQ	144.1850, -0.2240, -28.9920

Conversions

Conversions Part 2

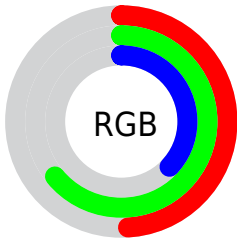
Format	Color
RYB	95, 163, 132
Decimal	8299359
CIELab	62.89, -25.04, 31.26
CIELCh	63, 40.058, 128.696
Yxy	31.4562, 0.3354, 0.4439
Android (android.graphics.Color)	4286489439 (0xFF7EA35F)
YUV	144.1850, -24.2482, -15.9482
Hunter-Lab	56.0859, -22.5091, 22.7208

Details

The Decimal color **8299359** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8675235**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **11852434**, and **4943663** is the 20% darker color. If you saturate the color by 10%, you get **7709519**, and if you desaturate by 10%, it is **8889199**.

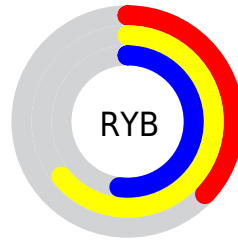
Distribution



Red (49%)

Green (64%)

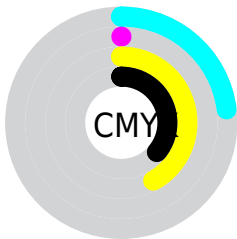
Blue (37%)



Red (37%)

Yellow (64%)

Blue (52%)

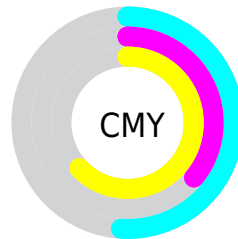


Cyan (23%)

Magenta (0%)

Yellow (42%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8299359 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 8299359 by changing the saturation by 10% instead.



8299359



8299359

16777215



6588743



11852434



4943663



13694893



3364376



15531977



1785600



16777189



76032



4608



0



8299359



8299359



7709519



8889199

■ 7119678

■ 9479040

■ 6529838

■ 10068880

■ 6005534

■ 10593184

■ 5415694

■ 11183024

■ 4891392

■ 11772865

■ 12362705

■ 12952545

■ 13542386

Harmonies

Analogous

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



10787152



8299359



5220733

Triad

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



8299359



2008026



14449551

Complementary

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



8299359



8675235

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.



13467571



8299359



7575774

Square

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



8299359



43460



11111376



14188909

Rectangle

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



8299359



2141077



11111376



14253211

Sweetspot

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



8299359



12965048



10715999



6450010



15461355



7039851

Same Dimension

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



8299359



10146922



6267745



5067337



4362496



528896

Inverse Universe

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



8675235



10709716



10706849



5130578



5177489



655378

Previews

White Background



This preview shows how the Decimal color 8299359 looks on a white background.

Color Contrast Check

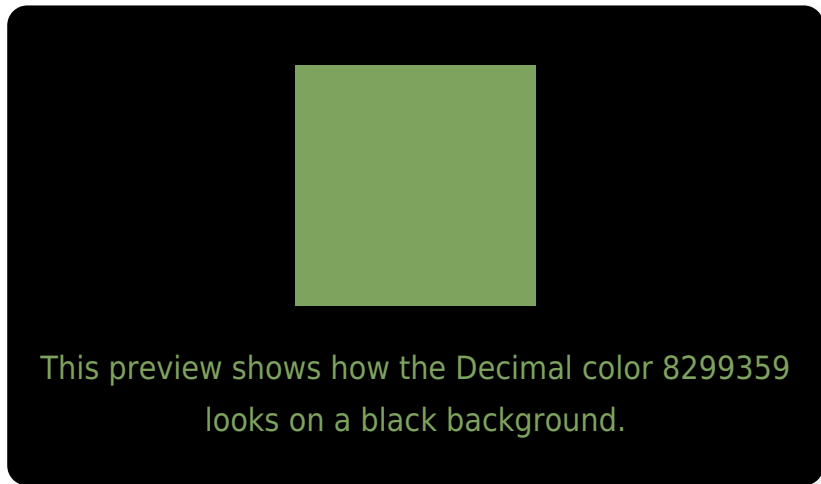
Large Text (above 18pt) WCAG AA × Fail

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 8299359 Background



This preview shows how black text looks on a background with the Decimal color 8299359.



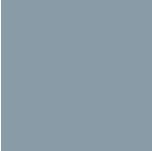
This preview shows how white text looks on a background with the Decimal color 8299359.

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
9018279

Trichromacy



Original Color
8299359

Protanomaly
9935964

Deuteranomaly
10655842

Tritanomaly
8756877

Monochromacy



Original Color
8299359

Achromatopsia
9474192

Achromatomaly
9017214

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8299359 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 #7EA35F looks like.

```
.text, #text, p{  
    color:#7EA35F  
}
```

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 #7EA35F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EA35F
}
```

Border

The CSS property to change the border of an element to Decimal 8299359 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
#7EA35F }
```

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

```
.border{ border-color:#7EA35F }
```

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

Here you see how a box with a 4 pixel #7EA35F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EA35F; -webkit-box-shadow:4px 4px  
4px 4px #7EA35F; box-shadow:4px 4px 4px  
4px #7EA35F }
```

Background

The CSS property to change the background color of an element to Decimal 8299359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EA35F }
```

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

```
.background{ background-color:#7EA35F }
```

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