

Converting Colors

Decimal(8294459)

Have a look what the booklet for
Decimal(8294459) contains.

Decimal(8294459)	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(8294459)

Conversions

Conversions Part 1

Format	Color
Hex	7E903B
RGB	126, 144, 59
RGB Percent	49%, 56%, 23%
CMY	0.5059, 0.4353, 0.7686
CMYK	0.12, 0.00, 0.59, 0.44
HSL	73°, 42%, 40%
HSV	73°, 59%, 56%
XYZ	19.3669, 24.6979, 7.8841
YIQ	128.9280, 16.5570, -30.2510

Conversions

Conversions Part 2

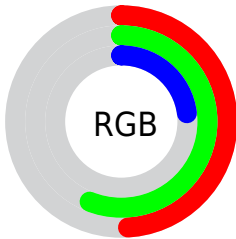
Format	Color
RYB	59, 144, 77
Decimal	8294459
CIELab	56.78, -19.48, 42.12
CIELCh	57, 46.410, 114.823
Yxy	24.6979, 0.3728, 0.4754
Android (android.graphics.Color)	4286484539 (0xFF7E903B)
YUV	128.9280, -34.4745, -2.5679
Hunter-Lab	49.6970, -17.4085, 25.3819

Details

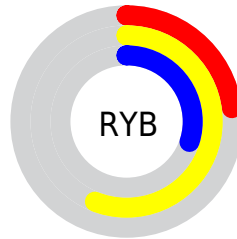
The Decimal color **8294459** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5061520**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **11847277**, and **4873733** is the 20% darker color. If you saturate the color by 10%, you get **8097837**, and if you desaturate by 10%, it is **8491081**.

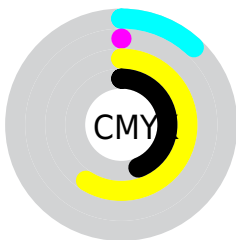
Distribution



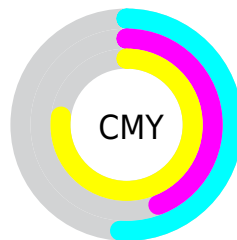
- Red (49%)
- Green (56%)
- Blue (23%)



- Red (23%)
- Yellow (56%)
- Blue (30%)



- Cyan (12%)
- Magenta (0%)
- Yellow (59%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8294459 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 8294459 by changing the saturation by 10% instead.



8294459



8294459

16777215



6583842



11847277



4873733



13755016



3294720



15662755



1650688



16777150



7168



16777178



0



16777207



8294459



8294459



8097837



8491081

■ 7901214

■ 8687704

■ 7704592

■ 8884326

■ 7507969

■ 9080949

■ 7507968

■ 9277571

■ 9474193

■ 9670816

■ 9867438

■ 10064061

Harmonies

Analogous

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



10847284



8294459



5019736

Triad

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



8294459



39114



13592209

Complementary

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



8294459



5061520

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.



11759799



8294459



1413081

Square

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



8294459



40105



8356050



13854825

Rectangle

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



8294459



170866



8356050



13133982

Sweetspot

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



8294459



11778713



9456699



5922378



14606046



6184542

Same Dimension

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



8294459



10402358



5607483



4605760



7046912



395264

Inverse Universe

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



5061520



5387962



7814032



4341831



1900679



131080

Previews

White Background



This preview shows how the Decimal color 8294459 looks on a white background.

Color Contrast Check

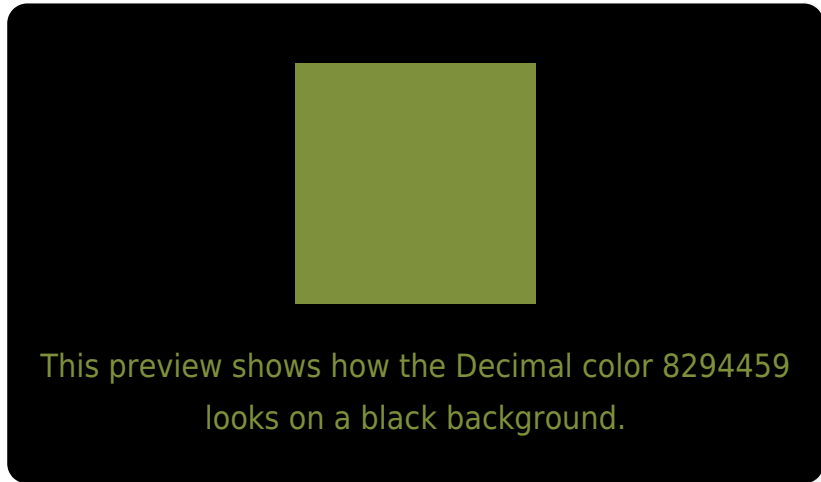
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

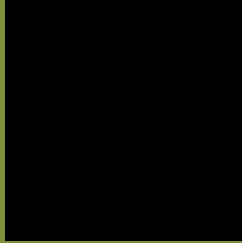
Any Text WCAG AA ✓ Pass

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 8294459 Background



This preview shows how black text looks on a background with the Decimal color 8294459.



This preview shows how white text looks on a background with the Decimal color 8294459.

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
8947602

Trichromacy



Original Color
8294459

Protanomaly
9341754

Deuteranomaly
10061374

Tritanomaly
8686194

Monochromacy



Original Color
8294459

Achromatopsia
8487297

Achromatomaly
8423016

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8294459 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 #7E903B looks like.

```
.text, #text, p{  
  color:#7E903B  
}
```

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 #7E903B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E903B
}
```

Border

The CSS property to change the border of an element to Decimal 8294459 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
#7E903B }
```

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

```
.border{ border-color:#7E903B }
```

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

Here you see how a box with a 4 pixel #7E903B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E903B; -webkit-box-shadow:4px 4px  
4px 4px #7E903B; box-shadow:4px 4px 4px  
4px #7E903B }
```

Background

The CSS property to change the background color of an element to Decimal 8294459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E903B }
```

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

```
.background{ background-color:#7E903B }
```

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