

# Converting Colors

Decimal(8316798)

Have a look what the booklet for  
Decimal(8316798) contains.

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**Color**

**Decimal(8316798)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EE77E
RGB	126, 231, 126
RGB Percent	49%, 91%, 49%
CMY	0.5059, 0.0941, 0.5059
CMYK	0.45, 0.00, 0.45, 0.09
HSL	120°, 69%, 70%
HSV	120°, 45%, 91%
XYZ	40.9460, 63.0938, 29.7589
YIQ	187.6350, -28.8750, -54.9150

# Conversions

## Conversions Part 2

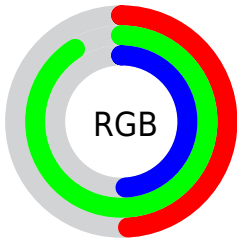
Format	Color
<a href="#">RYB</a>	<a href="#">126, 231, 231</a>
Decimal	<a href="#">8316798</a>
CIELab	<a href="#">83.49, -51.22, 41.75</a>
CIELCh	<a href="#">83, 66.076, 140.819</a>
Yxy	<a href="#">63.0938, 0.3060, 0.4716</a>
Android (android.graphics.Color)	<a href="#">4286506878 (0xFF7EE77E)</a>
YUV	<a href="#">187.6350, -30.3861, -54.0539</a>
Hunter-Lab	<a href="#">79.4316, -46.9908, 33.3892</a>

# Details

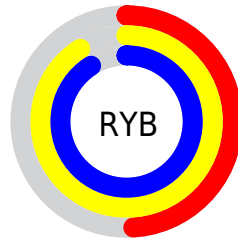
The Decimal color **8316798** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **15171303**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **12124084**, and **4435786** is the 20% darker color. If you saturate the color by 10%, you get **6809447**, and if you desaturate by 10%, it is **9824149**.

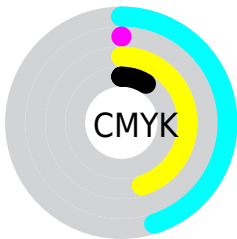
# Distribution



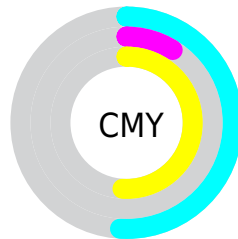
- Red (49%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (91%)



- Cyan (45%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8316798 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 8316798 by changing the saturation by 10% instead.



8316798

8316798

16777215

6408804

12124084

4435786

14024656

2134833

15990765

30999

24320

17920

12288

5376

0

 8316798


 8316798

 6809447

 9824149

 5302096

 11331500

 3794745

 12838851

 2287394

 14346202

 714506

 15919090

 59136

 16771071

# Harmonies

## Analogous

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



13228629



8316798



61114

# Triad

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



8316798



56575



16751783

# Complementary

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



8316798



15171303

# 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.



16751590



8316798



11782143

# Square

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



8316798



59903



16756479



16756337

# Rectangle

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



8316798



61413



16756479



16751036

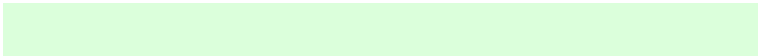


# Sweetspot

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



8316798



14417883



15198078



6979690



0



8421504



# Same Dimension

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



8316798



7602035



8316851



6779751



45824



13056



# Inverse Universe

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



15171303



16741375



15171251



7563123



11731123

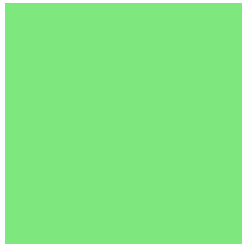


3342387



# Previews

## White Background



This preview shows how the Decimal color 8316798 looks on a white background.

## Color Contrast Check

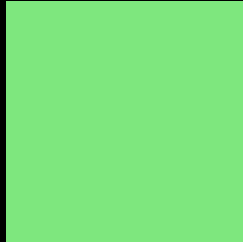
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 8316798 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 ✓ Pass

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



## Decimal 8316798 Background



This preview shows how black text looks on a background with the Decimal color 8316798.

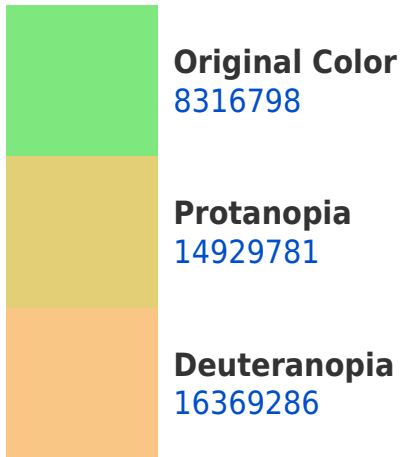


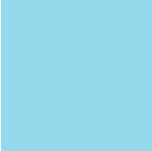
This preview shows how white text looks on a background with the Decimal color 8316798.

# 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**  
9820908

# Trichromacy



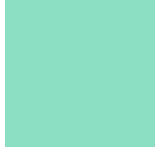
**Original Color**  
8316798



**Protanomaly**  
12507256



**Deuteranomaly**  
13423235



**Tritanomaly**  
9297860

# Monochromacy



**Original Color**  
8316798



**Achromatopsia**  
12369084



**Achromatomaly**  
10865829

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8316798 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 #7EE77E looks like.

```
.text, #text, p{  
    color:#7EE77E  
}
```

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 #7EE77E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EE77E
}
```

## Border

The CSS property to change the border of an element to Decimal 8316798 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
#7EE77E }
```

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

```
.border{ border-color:#7EE77E }
```

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

Here you see how a box with a 4 pixel #7EE77E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EE77E; -webkit-box-shadow:4px 4px  
4px 4px #7EE77E; box-shadow:4px 4px 4px  
4px #7EE77E }
```

# Background

The CSS property to change the background color of an element to Decimal 8316798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EE77E }
```

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

```
.background{ background-color:#7EE77E }
```

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](#).



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