

# Converting Colors

Decimal(8906099)

Have a look what the booklet for  
Decimal(8906099) contains.

<b>Decimal(8906099)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(8906099)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87E573
RGB	135, 229, 115
RGB Percent	53%, 90%, 45%
CMY	0.4706, 0.1020, 0.5490
CMYK	0.41, 0.00, 0.50, 0.10
HSL	109°, 69%, 67%
HSV	109°, 50%, 90%
XYZ	41.1055, 62.4273, 26.1028
YIQ	187.8980, -19.4300, -55.3820

# Conversions

## Conversions Part 2

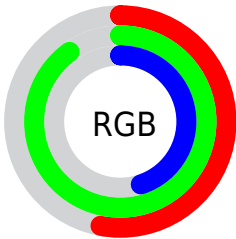
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 229, 209</a>
Decimal	<a href="#">8906099</a>
CIELab	<a href="#">83.14, -49.21, 46.69</a>
CIELCh	<a href="#">83, 67.836, 136.508</a>
Yxy	<a href="#">62.4273, 0.3171, 0.4816</a>
Android (android.graphics.Color)	<a href="#">4287096179 (0xFF87E573)</a>
YUV	<a href="#">187.8980, -35.9387, -46.3915</a>
Hunter-Lab	<a href="#">79.0110, -45.4045, 35.7200</a>

# Details

The Decimal color **8906099** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **13726693**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **12648361**, and **5156159** is the 20% darker color. If you saturate the color by 10%, you get **7660892**, and if you desaturate by 10%, it is **10151306**.

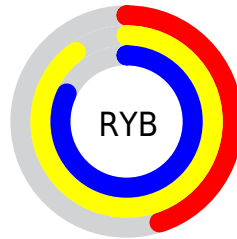
# Distribution



Red (53%)

Green (90%)

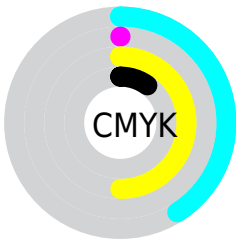
Blue (45%)



Red (45%)

Yellow (90%)

Blue (82%)

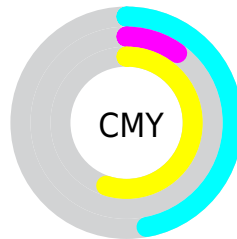


Cyan (41%)

Magenta (0%)

Yellow (50%)

Black (10%)



Cyan (47%)

Magenta (10%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8906099 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 8906099 by changing the saturation by 10% instead.



 8906099

 8906099

16777215

 7063897

 12648361

 5156159

 14614469

 3117605

 16580577

 30467

 24064

 17664

 12032

 4864

 0

■ 8906099

■ 8906099

■ 7660892

■ 10151306

■ 6415685

■ 11396513

■ 5170478

■ 12641720

■ 3925271

■ 13886927

■ 2745600

■ 15066598

■ 2680064

■ 16311804

■ 16770559

# Harmonies

## Analogous

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



13686604



8906099



60847

# Triad

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



8906099



57087



16750510

# Complementary

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



8906099



13726693

# 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.



16751343



8906099



10406655

# Square

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



8906099



60159



16756991



16755061

# Rectangle

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



8906099



61404



16756991



16750276

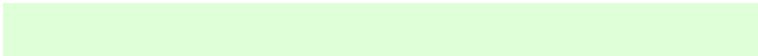


# Sweetspot

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



8906099



14680025



15061107



7176297



0



8421504



# Same Dimension

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



8906099



8519526



7595415



6910823



2077440



602880



# Inverse Universe

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



13726693



14968575



15037377



7432051



9633971

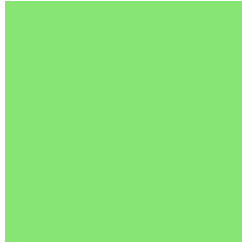


2752563



# Previews

## White Background



This preview shows how the Decimal color 8906099 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 8906099 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 8906099 Background



This preview shows how black text looks on a background with the Decimal color 8906099.

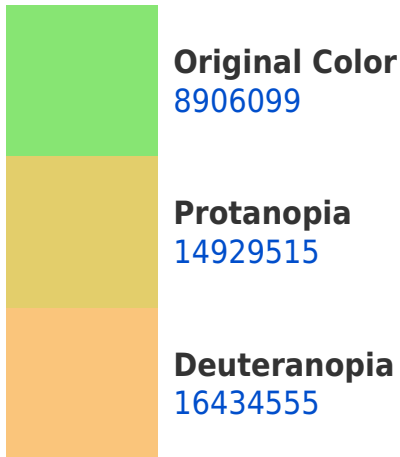



This preview shows how white text looks on a background with the Decimal color 8906099.

# 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



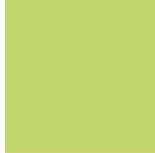


**Tritanopia**  
10344681

# Trichromacy



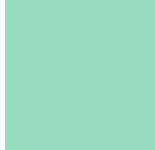
**Original Color**  
8906099



**Protanomaly**  
12768878



**Deuteranomaly**  
13685112

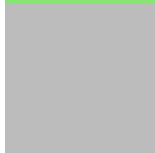


**Tritanomaly**  
9821630

# Monochromacy



**Original Color**  
8906099



**Achromatopsia**  
12369084



**Achromatomaly**  
11127713

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8906099 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 #87E573 looks like.

```
.text, #text, p{  
    color:#87E573  
}
```

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 #87E573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E573
}
```

## Border

The CSS property to change the border of an element to Decimal 8906099 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
#87E573 }
```

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

```
.border{ border-color:#87E573 }
```

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

Here you see how a box with a 4 pixel #87E573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E573; -webkit-box-shadow:4px 4px  
4px 4px #87E573; box-shadow:4px 4px 4px  
4px #87E573 }
```

# Background

The CSS property to change the background color of an element to Decimal 8906099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E573 }
```

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

```
.background{ background-color:#87E573 }
```

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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