

# Converting Colors

Hex(88D964)

Have a look what the booklet for  
Hex(88D964) contains.

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**Color**

**Hex(88D964)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88D964
RGB	136, 217, 100
RGB Percent	53%, 85%, 39%
CMY	0.4667, 0.1490, 0.6078
CMYK	0.37, 0.00, 0.54, 0.15
HSL	102°, 61%, 62%
HSV	102°, 54%, 85%
XYZ	37.2664, 55.7800, 20.8591
YIQ	179.4430, -10.7190, -53.5590

# Conversions

## Conversions Part 2

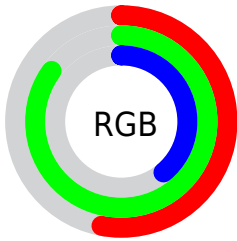
Format	Color
<a href="#">RYB</a>	<a href="#">100, 217, 181</a>
Decimal	<a href="#">8968548</a>
CIELab	<a href="#">79.49, -45.63, 49.34</a>
CIELCh	<a href="#">79, 67.207, 132.763</a>
Yxy	<a href="#">55.7800, 0.3272, 0.4897</a>
Android (android.graphics.Color)	<a href="#">4287158628 (0xFF88D964)</a>
YUV	<a href="#">179.4430, -39.1654, -38.0995</a>
Hunter-Lab	<a href="#">74.6860, -41.6336, 35.7211</a>

# Details

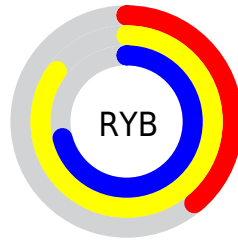
The Hex color **88D964** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **B564D9**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C1FF9A**, and **50A12F** is the 20% darker color. If you saturate the color by 10%, you get **79D94E**, and if you desaturate by 10%, it is **97D97A**.

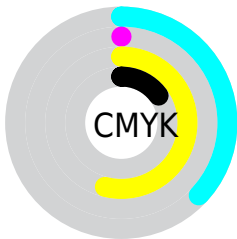
# Distribution



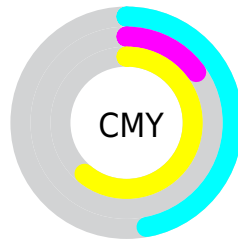
- Red (53%)
- Green (85%)
- Blue (39%)



- Red (39%)
- Yellow (85%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (54%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88D964 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 Hex color 88D964 by changing the saturation by 10% instead.



 88D964

 88D964

FFFFFF

 6CBD4A

 C1FF9A

 50A12F

 DEFFB5

 338712

 FCFFD1

 0C6D00

 FFFFEE

 005400

 003C00

 002700

 000000

 88D964

 88D964

 79D94E

 97D97A

 6AD939

 A6D98F

 5BD923

 B5D9A5

 4CD90D

 C4D9BB

 43D900

 D3D9D1

 E2D9E6

 F1D9FC

 FFD9FF

# Harmonies

## Analogous

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



CECA41



88D964



00E19E

# Triad

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



88D964



00D6FF



FF8DAD

# Complementary

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



88D964



B564D9

# 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.



FF92EC



88D964



83C3FF

# Square

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



88D964



00E0FF



EBA9FF



FF9C73

# Rectangle

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



88D964



00E3C9



EBA9FF



FF8CC2

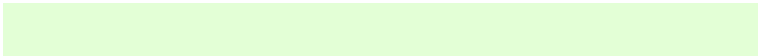


# Sweetspot

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



88D964



E3FFD6



D9B464



6F8067



000000



808080



# Same Dimension

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



88D964



8CFF59



64D979



666E63



35AD00



0E2E00



# Inverse Universe

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



B564D9



CC59FF



D964C4



6A636E



7800AD



20002E



# Previews

## White Background



This preview shows how the Hex color 88D964 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 Hex color 88D964 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](#).



## Hex 88D964 Background



This preview shows how black text looks on a background with the Hex color 88D964.

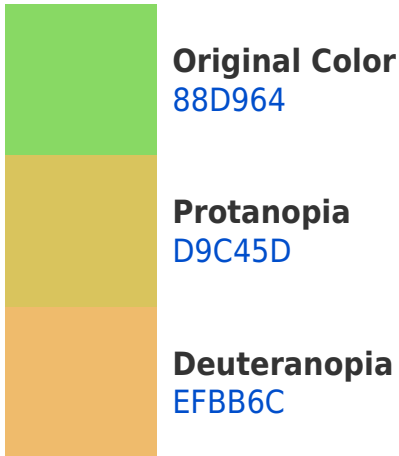


This preview shows how white text looks on a background with the Hex color 88D964.

# Color Blindness Simulation

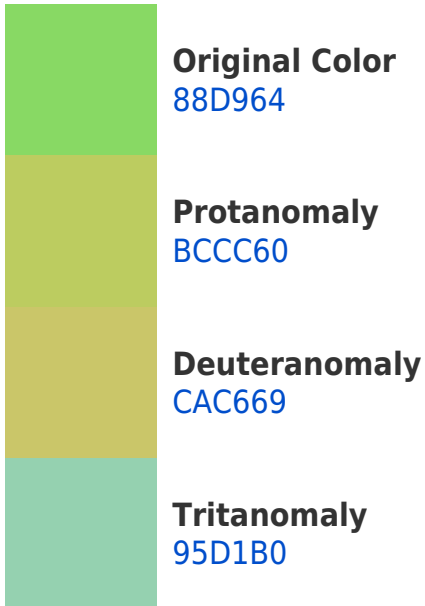
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

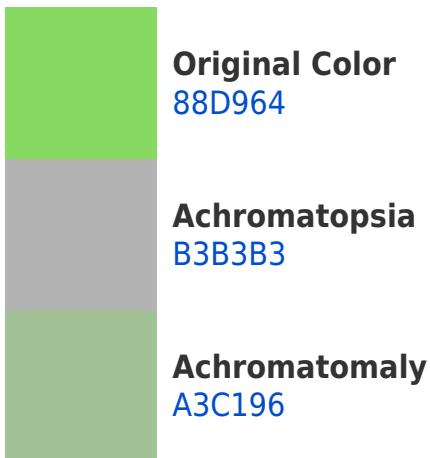




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88D964 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 #88D964 looks like.

```
.text, #text, p{  
    color:#88D964  
}
```

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 #88D964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88D964
}
```

## Border

The CSS property to change the border of an element to Hex 88D964 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
#88D964 }
```

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

```
.border{ border-color:#88D964 }
```

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

Here you see how a box with a 4 pixel #88D964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88D964; -webkit-box-shadow:4px 4px  
4px 4px #88D964; box-shadow:4px 4px 4px  
4px #88D964 }
```

# Background

The CSS property to change the background color of an element to Hex 88D964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88D964 }
```

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

```
.background{ background-color:#88D964 }
```

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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