

# Converting Colors

Hex(88F285)

Have a look what the booklet for  
Hex(88F285) contains.

<b>Hex(88F285)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(88F285)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88F285
RGB	136, 242, 133
RGB Percent	53%, 95%, 52%
CMY	0.4667, 0.0510, 0.4784
CMYK	0.44, 0.00, 0.45, 0.05
HSL	118°, 81%, 74%
HSV	118°, 45%, 95%
XYZ	46.1391, 70.4320, 33.3532
YIQ	197.8800, -28.1870, -56.3710

# Conversions

## Conversions Part 2

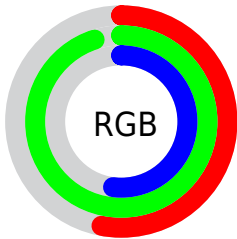
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 242, 239
Decimal	8974981
CIELab	87.21, -51.90, 43.12
CIELCh	87, 67.482, 140.279
Yxy	70.4320, 0.3077, 0.4698
Android (android.graphics.Color)	4287165061 (0xFF88F285)
YUV	197.8800, -31.9858, -54.2688
Hunter-Lab	83.9237, -48.7319, 35.1834

# Details

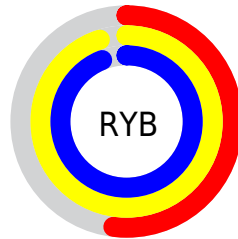
The Hex color **88F285** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EF85F2**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C2FFBC**, and **4EB951** is the 20% darker color. If you saturate the color by 10%, you get **70F26D**, and if you desaturate by 10%, it is **A0F29D**.

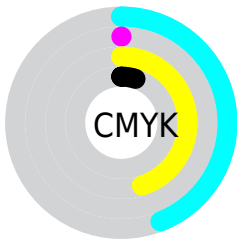
# Distribution



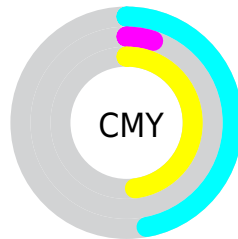
- Red (53%)
- Green (95%)
- Blue (52%)



- Red (52%)
- Yellow (95%)
- Blue (94%)



- Cyan (44%)
- Magenta (0%)
- Yellow (45%)
- Black (5%)



- Cyan (47%)
- Magenta (5%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88F285 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 88F285 by changing the saturation by 10% instead.



 88F285

 88F285

FFFFFF

 6BD56B

 C2FFBC

 4EB951

 E0FFD8

 2D9E38

 FDFFF5

 00831D

 006900

 004F00

 003700

 002100

 000000

 88F285

 88F285

 70F26D

 A0F29D

 59F255

 B7F2B5

 41F23C

 CFF2CE

 2AF224

 E6F2E6

 12F20C

 FEF2FE

 07F200

 FFF2FF

# Harmonies

## Analogous

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



D4E45B



88F285



00F9C3

# Triad

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



88F285



00E8FF



FFA5B2

# Complementary

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



88F285



EF85F2

# 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.



FFA5F2



88F285



BBD2FF

# Square

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



88F285



00F5FF



FFB8FF



FFB77A

# Rectangle

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



88F285



00FBF0



FFB8FF



FFA2C7

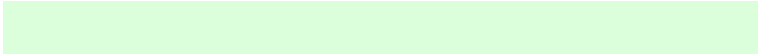


# Sweetspot

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



88F285



DCFFDB



F2EE85



6A806A



000000



808080



# Same Dimension

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



88F285



79FF75



85F2B8



6C786C



05B800



023800



# Inverse Universe

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



EF85F2



FB75FF



F285BF



786C78



B300B8



370038



# Previews

## White Background



This preview shows how the Hex color 88F285 looks on a white background.

## Color Contrast Check

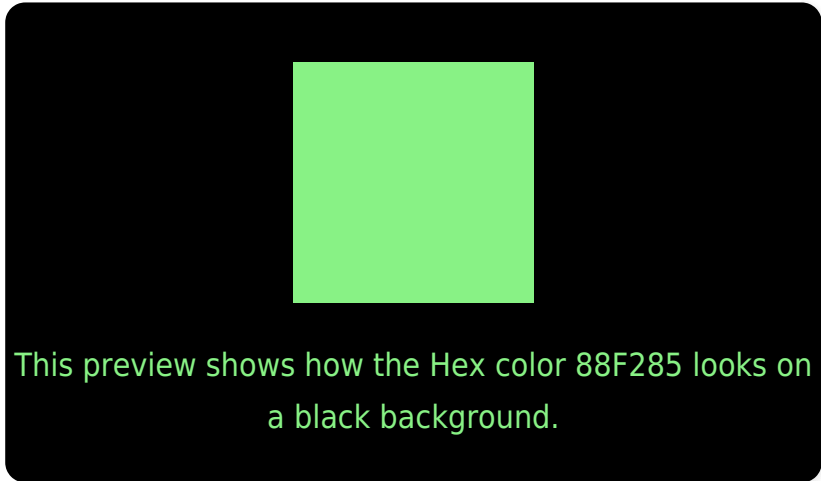
Large Text (above 18pt) WCAG AA × Fail

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](#).



## Hex 88F285 Background



This preview shows how black text looks on a background with the Hex color 88F285.

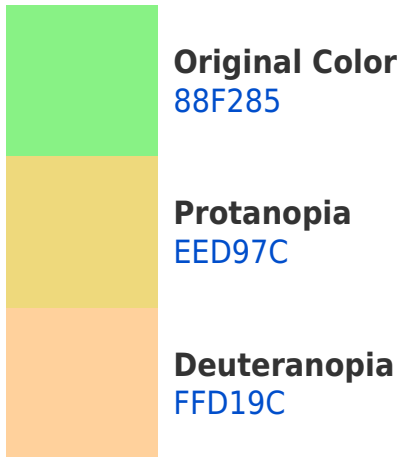


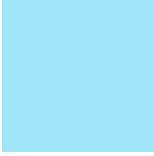
This preview shows how white text looks on a background with the Hex color 88F285.

# 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**  
9FE5F7

# Trichromacy



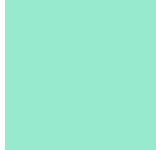
**Original Color**  
88F285



**Protanomaly**  
C9E27F

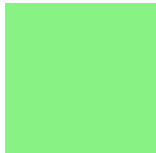


**Deuteranomaly**  
D4DD94

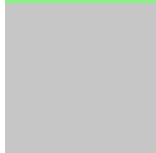


**Tritanomaly**  
97EACE

# Monochromacy



**Original Color**  
88F285



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
AFD6AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88F285 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 #88F285 looks like.

```
.text, #text, p{  
    color:#88F285  
}
```

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 #88F285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88F285  
}
```

## Border

The CSS property to change the border of an element to Hex 88F285 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  
#88F285 }
```

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

```
.border{ border-color:#88F285 }
```

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

Here you see how a box with a 4 pixel #88F285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88F285; -webkit-box-shadow:4px 4px  
4px 4px #88F285; box-shadow:4px 4px 4px  
4px #88F285 }
```

# Background

The CSS property to change the background color of an element to Hex 88F285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88F285 }
```

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

```
.background{ background-color:#88F285 }
```

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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