

# Converting Colors

Hex(88D2F5)

Have a look what the booklet for  
Hex(88D2F5) contains.

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# **Color**

**Hex(88D2F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88D2F5
RGB	136, 210, 245
RGB Percent	53%, 82%, 96%
CMY	0.4667, 0.1765, 0.0392
CMYK	0.44, 0.14, 0.00, 0.04
HSL	199°, 84%, 75%
HSV	199°, 44%, 96%
XYZ	49.6814, 57.9200, 94.9474
YIQ	191.8640, -55.3390, -4.8030

# Conversions

## Conversions Part 2

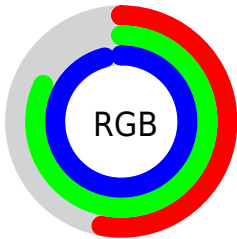
Format	Color
R <sub>Y</sub> B	136, 180, 245
Decimal	8966901
CIE Lab	80.69, -14.02, -24.36
CIE LCh	81, 28.106, 240.083
Yxy	57.9200, 0.2453, 0.2860
Android (android.graphics.Color)	4287156981 (0xFF88D2F5)
YUV	191.8640, 26.1960, -48.9927
Hunter-Lab	76.1052, -16.6595, -20.6954

# Details

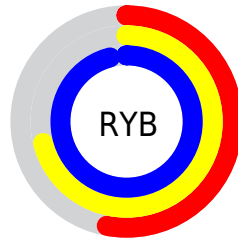
The Hex color **88D2F5** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F5AB88**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C2FFFF**, and **4E9BBD** is the 20% darker color. If you saturate the color by 10%, you get **70CAF5**, and if you desaturate by 10%, it is **A1DAF5**.

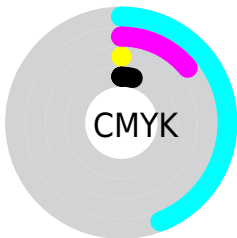
# Distribution



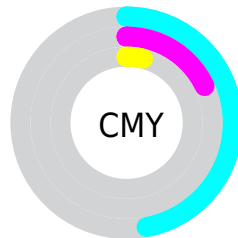
- Red (53%)
- Green (82%)
- Blue (96%)



- Red (53%)
- Yellow (71%)
- Blue (96%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (18%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88D2F5 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 88D2F5 by changing the saturation by 10% instead.



 88D2F5

 88D2F5

FFFFFF

 6BB6D8

 C2FFFF

 4E9BBD

 DFFFFFF

 2F81A2

FDFFFF

 006887

 00506E

 003955

 00243E

 000828

 000112

■ 88D2F5

■ 88D2F5

■ 70CAF5

■ A1DAF5

■ 57C2F5

■ B9E2F5

■ 3EBAF5

■ D2EAF5

■ 26B3F5

■ EAF1F5

■ 0EABF5

■ FFF9F5

■ 00A6F5

■ FFFFF5

# Harmonies

## Analogous

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



7BD6E2



88D2F5



A8CBFC

# Triad

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



88D2F5



FBB5C9



BFCF9A

# Complementary

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



88D2F5



F5AB88

# 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.



DCC794



88D2F5



FDB7AF

# Square

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



88D2F5



EAB9E3



F2BE9C



A1D4AD

# Rectangle

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



88D2F5



C1C5F9



F2BE9C



C9CC97

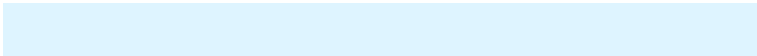


# Sweetspot

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



88D2F5



DEF4FF



88F5AB



6B7980



000000



808080

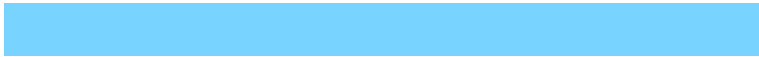


# Same Dimension

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



88D2F5



78D4FF



889CF5



6E767A



007EBA



00283B



# Inverse Universe

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



F588D2



FF78D4



F5E188



7A6E76



BA007E

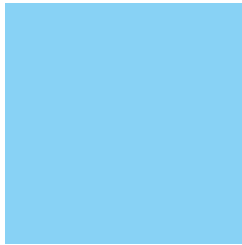


3B0028



# Previews

## White Background



This preview shows how the Hex color 88D2F5 looks on a white background.

## Color Contrast Check

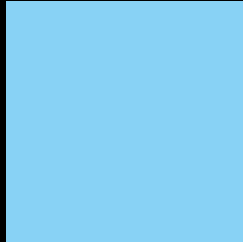
Large Text (above 18pt) WCAG AA × Fail

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 88D2F5 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 88D2F5 Background



This preview shows how black text looks on a background with the Hex color 88D2F5.

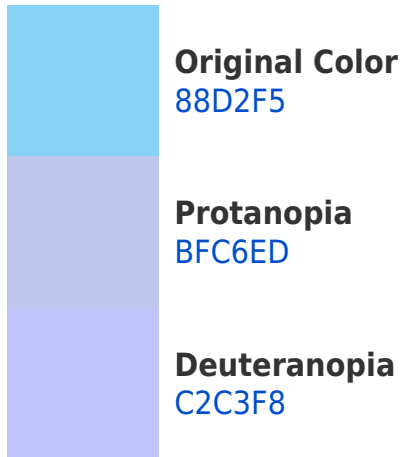


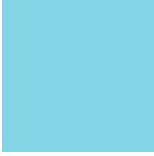
This preview shows how white text looks on a background with the Hex color 88D2F5.

# 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](#).

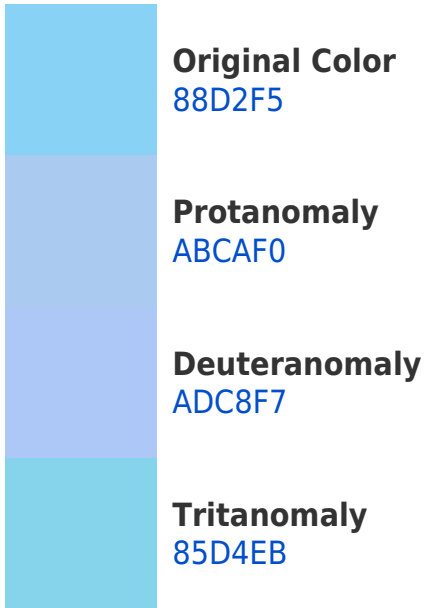
## Dichromacy



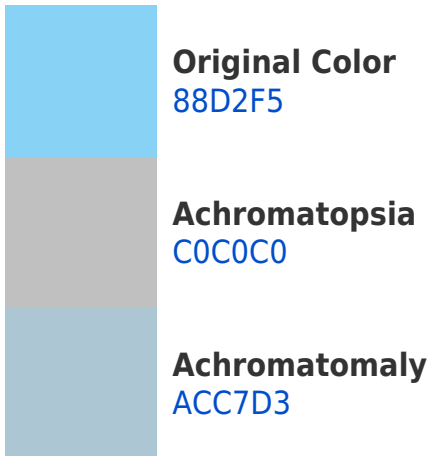


**Tritanopia**  
84D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88D2F5 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 #88D2F5 looks like.

```
.text, #text, p{  
    color:#88D2F5  
}
```

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 #88D2F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88D2F5
}
```

## Border

The CSS property to change the border of an element to Hex 88D2F5 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
#88D2F5 }
```

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

```
.border{ border-color:#88D2F5 }
```

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

Here you see how a box with a 4 pixel #88D2F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88D2F5; -webkit-box-shadow:4px 4px  
4px 4px #88D2F5; box-shadow:4px 4px 4px  
4px #88D2F5 }
```

# Background

The CSS property to change the background color of an element to Hex 88D2F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88D2F5 }
```

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

```
.background{ background-color:#88D2F5 }
```

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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