

Converting Colors

Hex(89D7F5)

Have a look what the booklet for
Hex(89D7F5) contains.

Hex(89D7F5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89D7F5)

Conversions

Conversions Part 1

Format	Color
Hex	89D7F5
RGB	137, 215, 245
RGB Percent	54%, 84%, 96%
CMY	0.4627, 0.1569, 0.0392
CMYK	0.44, 0.12, 0.00, 0.04
HSL	197°, 84%, 75%
HSV	197°, 44%, 96%
XYZ	51.0984, 60.5118, 95.3730
YIQ	195.0980, -56.1180, -7.2060

Conversions

Conversions Part 2

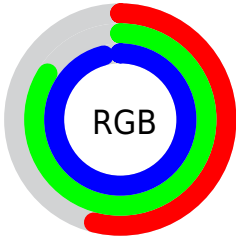
Format	Color
R_{YB}	137, 182, 245
Decimal	9033717
CIE _{Lab}	82.12, -16.35, -22.20
CIE _{LCh}	82, 27.568, 233.622
Yxy	60.5118, 0.2469, 0.2924
Android (android.graphics.Color)	4287223797 (0xFF89D7F5)
YUV	195.0980, 24.6017, -50.9519
Hunter-Lab	77.7893, -18.8780, -18.2395

Details

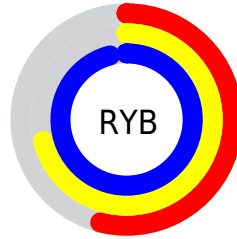
The Hex color **89D7F5** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F5A789**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C3FFFF**, and **4FA0BD** is the 20% darker color. If you saturate the color by 10%, you get **71D0F5**, and if you desaturate by 10%, it is **A2DEF5**.

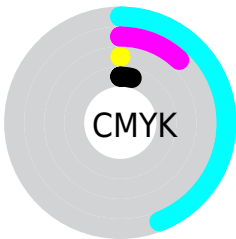
Distribution



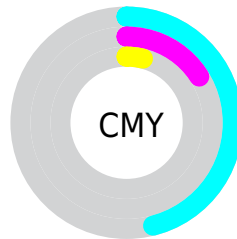
- Red (54%)
- Green (84%)
- Blue (96%)



- Red (54%)
- Yellow (71%)
- Blue (96%)



- Cyan (44%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89D7F5 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 89D7F5 by changing the saturation by 10% instead.

 89D7F5

 89D7F5

FFFFFF

 6CBBD9

 C3FFFF

 4FA0BD

 E0FFFF

 3086A2

FEFFFF

 006D87

 00546E

 003D55

 00273E

 001028

 000113

 89D7F5

 89D7F5

 71D0F5

 A2DEF5

 58C9F5

 BAE5F5

 3FC3F5

 D3EBF5

 27BCF5

 EBF2F5

 0EB5F5

 FFF9F5

 00B1F5

 FFFFF5

Harmonies

Analogous

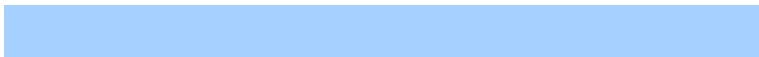
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82DBE0



89D7F5



A5D0FF

Triad

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



89D7F5



FCBAD3



CAD19D

Complementary

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



89D7F5



F5A789

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.



E5C999



89D7F5



FFBBB9

Square

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



89D7F5



E8BFEB



F8C0A4



ACD7AD

Rectangle

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



89D7F5



BDCBFE



F8C0A4



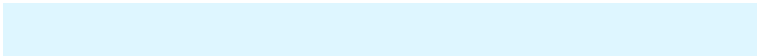
D3CE9A

Sweetspot

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



89D7F5



DEF6FF



89F5A6



6B7A80



000000



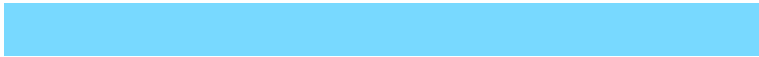
808080

Same Dimension

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



89D7F5



78D9FF



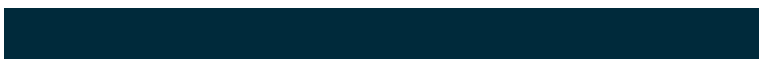
89A2F5



6E777A



0086BA



002A3B

Inverse Universe

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



F589D7



FF78D9



F5DC89



7A6E77



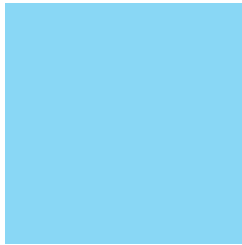
BA0086



3B002A

Previews

White Background



This preview shows how the Hex color 89D7F5 looks on a white background.

Color Contrast Check

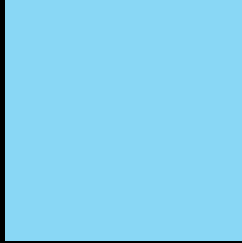
Large Text (above 18pt) WCAG AA × Fail

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 89D7F5 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

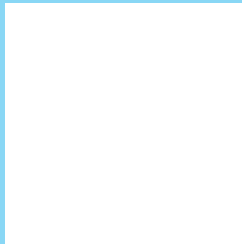
Any Text WCAG AAA ✓ Pass

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

Hex 89D7F5 Background



This preview shows how black text looks on a background with the Hex color 89D7F5.

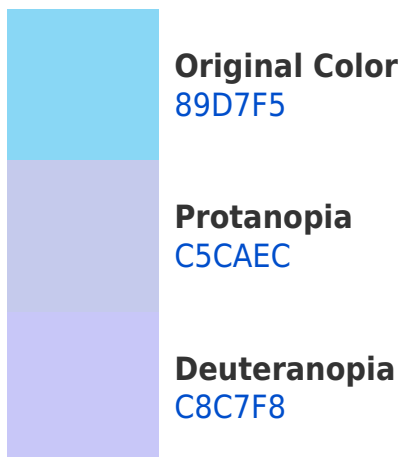


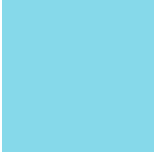
This preview shows how white text looks on a background with the Hex color 89D7F5.

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](#).

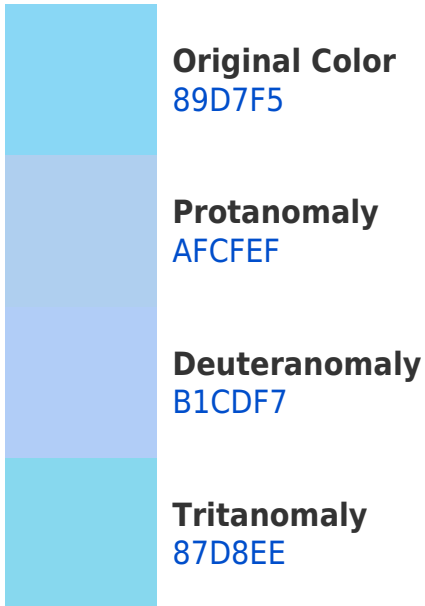
Dichromacy



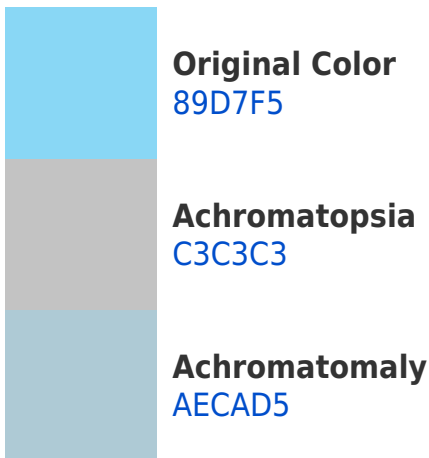


Tritanopia
86D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89D7F5 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 #89D7F5 looks like.

```
.text, #text, p{  
    color:#89D7F5  
}
```

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 #89D7F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D7F5
}
```

Border

The CSS property to change the border of an element to Hex 89D7F5 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
#89D7F5 }
```

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

```
.border{ border-color:#89D7F5 }
```

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

Here you see how a box with a 4 pixel #89D7F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D7F5; -webkit-box-shadow:4px 4px  
4px 4px #89D7F5; box-shadow:4px 4px 4px  
4px #89D7F5 }
```

Background

The CSS property to change the background color of an element to Hex 89D7F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D7F5 }
```

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

```
.background{ background-color:#89D7F5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor