

Converting Colors

Hex(88D8EC)

Have a look what the booklet for
Hex(88D8EC) contains.

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Color

Hex(88D8EC)

Conversions

Conversions Part 1

Format	Color
Hex	88D8EC
RGB	136, 216, 236
RGB Percent	53%, 85%, 93%
CMY	0.4667, 0.1529, 0.0745
CMYK	0.42, 0.08, 0.00, 0.07
HSL	192°, 72%, 73%
HSV	192°, 42%, 93%
XYZ	49.8495, 60.4021, 88.3883
YIQ	194.3600, -54.1000, -10.7400

Conversions

Conversions Part 2

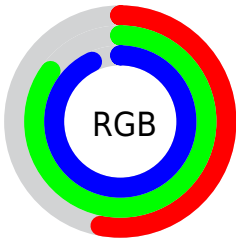
Format	Color
RYB	136, 180, 236
Decimal	8968428
CIELab	82.06, -19.43, -17.51
CIELCh	82, 26.157, 222.014
Yxy	60.4021, 0.2510, 0.3041
Android (android.graphics.Color)	4287158508 (0xFF88D8EC)
YUV	194.3600, 20.5285, -51.1817
Hunter-Lab	77.7188, -21.5164, -13.0264

Details

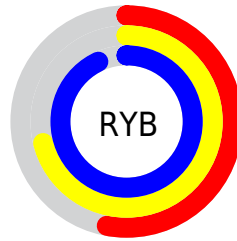
The Hex color **88D8EC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EC9C88**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C1FFFF**, and **4FA1B4** is the 20% darker color. If you saturate the color by 10%, you get **70D3EC**, and if you desaturate by 10%, it is **A0DDEC**.

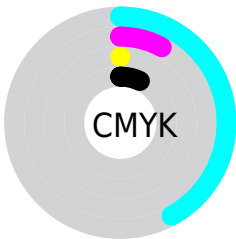
Distribution



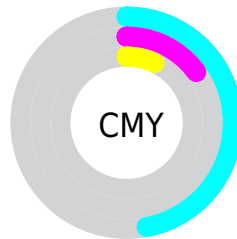
- Red (53%)
- Green (85%)
- Blue (93%)



- Red (53%)
- Yellow (71%)
- Blue (93%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88D8EC 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 88D8EC by changing the saturation by 10% instead.

 88D8EC

 88D8EC

FFFFFF

 6CBCD0

 C1FFFF

 4FA1B4

 DFFFFFF

 308799

 FCFFFF

 006D7F

 005566

 003D4E

 002737

 000F22

 000009

88D8EC

88D8EC

70D3EC

A0DDEC

59CFEC

B7E1EC

41CAEC

CFE6EC

2AC5EC

E6EBEC

12C0EC

FEF0EC

00BDEC

FFF4EC

FFF9EC

FFFEEC

FFF FEC

Harmonies

Analogous

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



8ADAD5



88D8EC



9CD3FA

Triad

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



88D8EC



F4BCDC



D4CE9C

Complementary

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



88D8EC



EC9C88

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.



ECC59E



88D8EC



FEBBC3

Square

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



88D8EC



DCC2F1



FBBEAC



B9D5A7

Rectangle

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



88D8EC



B1CEFD



FBBEAC



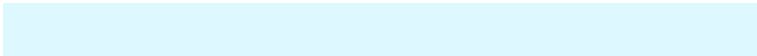
DDCB9B

Sweetspot

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



88D8EC



DEF8FF



88EC9C



6B7B80



000000



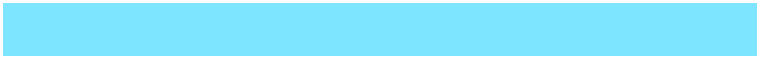
808080

Same Dimension

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



88D8EC



7DE5FF



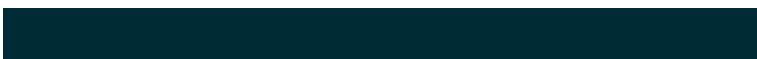
88A6EC



6A7375



0091B5



002B36

Inverse Universe

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



EC88D8



FF7DE5



ECCE88



756A73



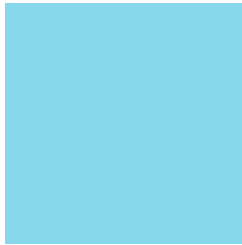
B50091



36002B

Previews

White Background



This preview shows how the Hex color 88D8EC looks on a white background.

Color Contrast Check

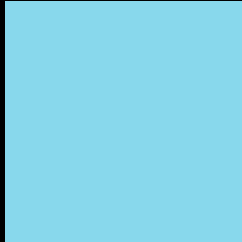
Large Text (above 18pt) WCAG AA × Fail

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 88D8EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

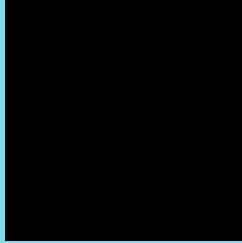
Any Text WCAG AA ✓ Pass

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 88D8EC Background



This preview shows how black text looks on a background with the Hex color 88D8EC.

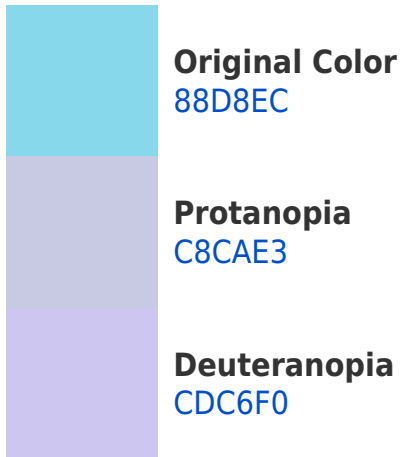


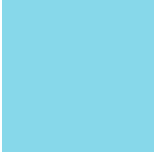
This preview shows how white text looks on a background with the Hex color 88D8EC.

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](#).

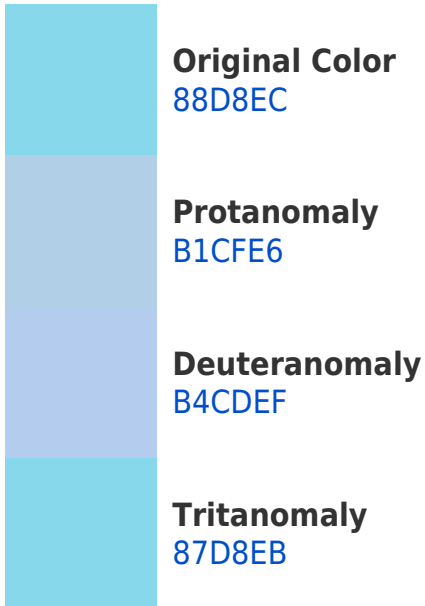
Dichromacy



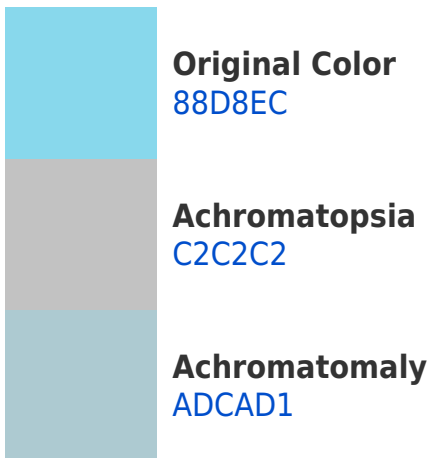


Tritanopia
87D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88D8EC 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 #88D8EC looks like.

```
.text, #text, p{  
    color:#88D8EC  
}
```

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 #88D8EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88D8EC  
}
```

Border

The CSS property to change the border of an element to Hex 88D8EC 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  
#88D8EC }
```

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

```
.border{ border-color:#88D8EC }
```

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

Here you see how a box with a 4 pixel #88D8EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88D8EC; -webkit-box-shadow:4px 4px  
4px 4px #88D8EC; box-shadow:4px 4px 4px  
4px #88D8EC }
```

Background

The CSS property to change the background color of an element to Hex 88D8EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88D8EC }
```

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

```
.background{ background-color:#88D8EC }
```

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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