

# Converting Colors

Hex(8BEDF4)

Have a look what the booklet for  
Hex(8BEDF4) contains.

<b>Hex(8BEDF4)</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(8BEDF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BEDF4
RGB	139, 237, 244
RGB Percent	55%, 93%, 96%
CMY	0.4549, 0.0706, 0.0431
CMYK	0.43, 0.03, 0.00, 0.04
HSL	184°, 83%, 75%
HSV	184°, 43%, 96%
XYZ	57.2608, 72.5890, 96.5811
YIQ	208.4960, -60.6550, -18.5990

# Conversions

## Conversions Part 2

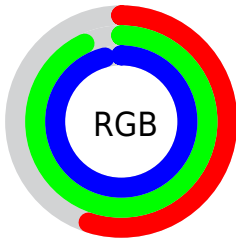
Format	Color
R <sub>YB</sub>	139, 190, 244
Decimal	9170420
CIE Lab	88.25, -27.07, -12.42
CIE LCh	88, 29.784, 204.648
Yxy	72.5890, 0.2529, 0.3206
Android (android.graphics.Color)	4287360500 (0xFF8BEDF4)
YUV	208.4960, 17.5035, -60.9480
Hunter-Lab	85.1992, -29.1320, -7.5712

# Details

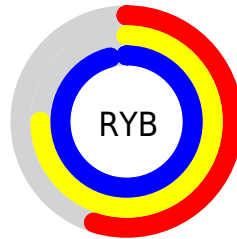
The Hex color **8BEDF4** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F4928B**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **C5FFFF**, and **50B5BC** is the 20% darker color. If you saturate the color by 10%, you get **73EBF4**, and if you desaturate by 10%, it is **A3EFF4**.

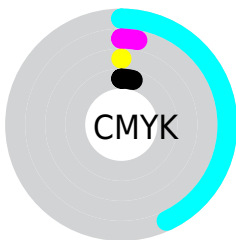
# Distribution



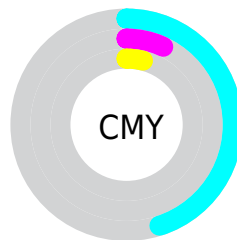
- Red (55%)
- Green (93%)
- Blue (96%)



- Red (55%)
- Yellow (75%)
- Blue (96%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (45%)
- Magenta (7%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BEDF4 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 8BEDF4 by changing the saturation by 10% instead.



 8BEDF4

FFFFFF

 C5FFFF

 E3FFFF

 8BEDF4

 6ED1D8

 50B5BC

 2F9AA1

 008087

 00666D

 004E55

 00363E

 002228

 000114

 8BEDF4

 8BEDF4

 73EBF4

 A3EFF4

 5AEAF4


 BCF0F4

 42E8F4

 D4F2F4

 29E6F4

 EDF4F4

 11E5F4

 FFF5F4

 00E4F4

 FFF7F4

 FFF8F4

 FFFAF4

 FFFCF4

# Harmonies

## Analogous

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



9BEDD7



8BEDF4



94E9FF

# Triad

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



8BEDF4



FDCFF



F7DAA5

# Complementary

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



8BEDF4



F4928B

# 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.



FFD1B0



8BEDF4



FFC9E4

# Square

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



8BEDF4



DBD8FF



FFCAC7



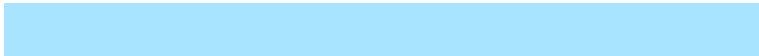
DAE3A9

# Rectangle

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



8BEDF4



A8E4FF



FFCAC7



FFD7A7



# Sweetspot

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



8BEDF4



DEFDF4



8BF492



6B7E80



000000



808080



# Same Dimension

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



8BEDF4



7AF6FF



8BB9F4



6E7A7A



00AEBA



00373B



# Inverse Universe

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



F48BED



FF7AF6



F4C78B



7A6E7A



BA00AE

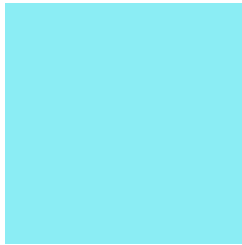


3B0037



# Previews

## White Background



This preview shows how the Hex color 8BEDF4 looks on a white background.

## Color Contrast Check

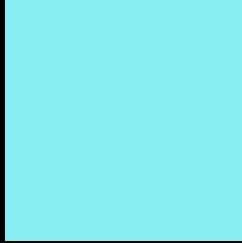
Large Text (above 18pt) WCAG AA × Fail

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 8BEDF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

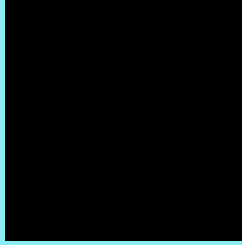
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BEDF4 Background



This preview shows how black text looks on a background with the Hex color 8BEDF4.

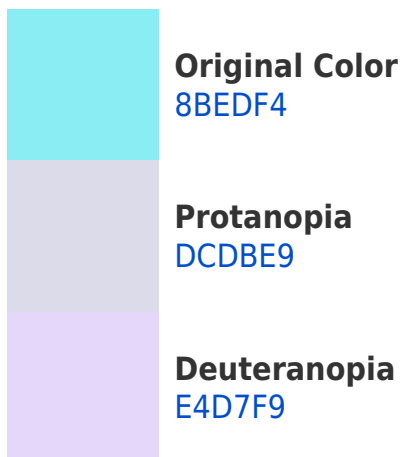


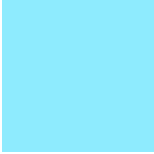
This preview shows how white text looks on a background with the Hex color 8BEDF4.

# 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



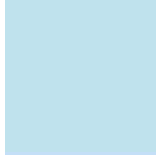


**Tritanopia**  
8EEBFE

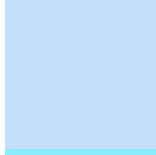
# Trichromacy



**Original Color**  
8BEDF4



**Protanomaly**  
BFE2ED



**Deuteranomaly**  
C4DFF7

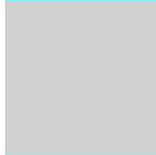


**Tritanomaly**  
8DECFA

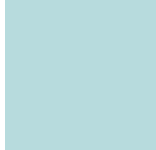
# Monochromacy



**Original Color**  
8BEDF4



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
B7DBDD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BEDF4 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 #8BEDF4 looks like.

```
.text, #text, p{  
    color:#8BEDF4  
}
```

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 #8BEDF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BEDF4
}
```

## Border

The CSS property to change the border of an element to Hex 8BEDF4 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
#8BEDF4 }
```

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

```
.border{ border-color:#8BEDF4 }
```

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

Here you see how a box with a 4 pixel #8BEDF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BEDF4; -webkit-box-shadow:4px 4px  
4px 4px #8BEDF4; box-shadow:4px 4px 4px  
4px #8BEDF4 }
```

# Background

The CSS property to change the background color of an element to Hex 8BEDF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BEDF4 }
```

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

```
.background{ background-color:#8BEDF4 }
```

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