

# Converting Colors

Hex(95EFD0)

Have a look what the booklet for  
Hex(95EFD0) contains.

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# **Color**

**Hex(95EFD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95EFD0
RGB	149, 239, 208
RGB Percent	58%, 94%, 82%
CMY	0.4157, 0.0627, 0.1843
CMYK	0.38, 0.00, 0.13, 0.06
HSL	159°, 74%, 76%
HSV	159°, 38%, 94%
XYZ	54.6461, 72.6766, 70.8223
YIQ	208.5560, -43.6890, -28.7210

# Conversions

## Conversions Part 2

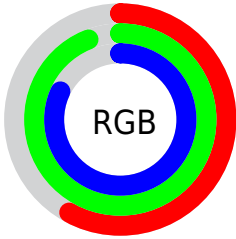
Format	Color
<a href="#">RYB</a>	<a href="#">149, 203, 239</a>
Decimal	<a href="#">9826256</a>
CIELab	<a href="#">88.29, -33.78, 6.53</a>
CIELCh	<a href="#">88, 34.404, 169.061</a>
Yxy	<a href="#">72.6766, 0.2758, 0.3668</a>
Android (android.graphics.Color)	<a href="#">4288016336</a> ( <a href="#">0xFF95EFD0</a> )
YUV	<a href="#">208.5560, -0.2741, -52.2306</a>
Hunter-Lab	<a href="#">85.2506, -34.7691, 10.4200</a>

# Details

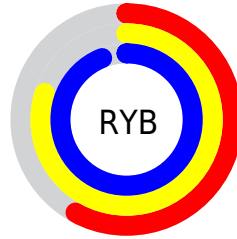
The Hex color **95EFD0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF95B4**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **CEFFFF**, and **5DB79A** is the 20% darker color. If you saturate the color by 10%, you get **7DEFC8**, and if you desaturate by 10%, it is **ADEFD8**.

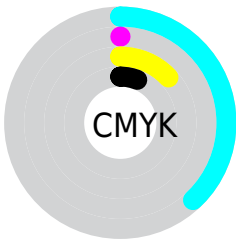
# Distribution



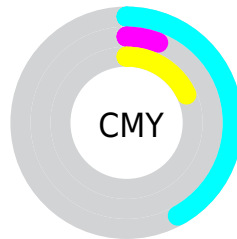
- Red (58%)
- Green (94%)
- Blue (82%)



- Red (58%)
- Yellow (80%)
- Blue (94%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)



- Cyan (42%)
- Magenta (6%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95EFD0 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 95EFD0 by changing the saturation by 10% instead.



 95EFD0

FFFFFF

 CEFFFF

 EBFFFF

 95EFD0

 79D2B4

 5DB79A

 419B80

 228167

 00674F

 004F38

 003722

 00230D

 000000

 95EFD0

 95EFD0

 7DEFC8

 ADEFD8

 65EFC0

 C5EFE0

 4DEFB7

 DDEFE9

 35EFAF

 F5EFF1

 1EEFA7

 FFEFF9

 06EF9F

 FFEFFF

 00EF9D

# Harmonies

## Analogous

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



BAEAB2



95EFD0



7BF0F2

# Triad

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



95EFD0



D2D9FF



FFCDAD

# Complementary

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



95EFD0



EF95B4

# 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.



FFC6CA



95EFD0



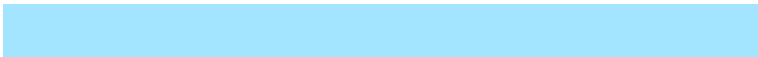
FCCEFF

# Square

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



95EFD0



A3E4FF



FFC7EB



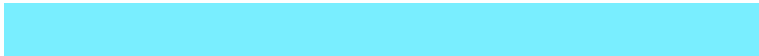
FFD79E

# Rectangle

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



95EFD0



79EEFF



FFC7EB



FFCAB6



# Sweetspot

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



95EFD0



E3FFF5



B4EF95



6F807A



000000



808080

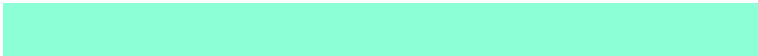


# Same Dimension

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



95EFD0



8CFFD7



95E1EF



6C7874



00B878



003825



# Inverse Universe

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



EF95B4



FF8CB4



EFA395



786C70



B8003F

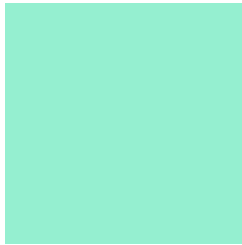


380013



# Previews

## White Background



This preview shows how the Hex color 95EFD0 looks on a white background.

## Color Contrast Check

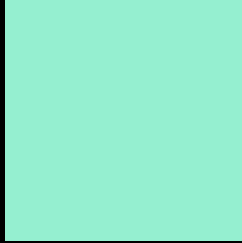
Large Text (above 18pt) WCAG AA × Fail

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 95EFD0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

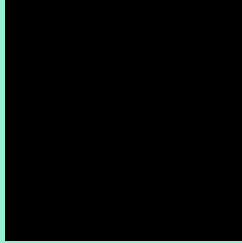
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

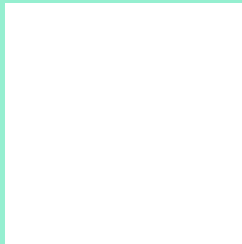
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95EFD0 Background



This preview shows how black text looks on a background with the Hex color 95EFD0.

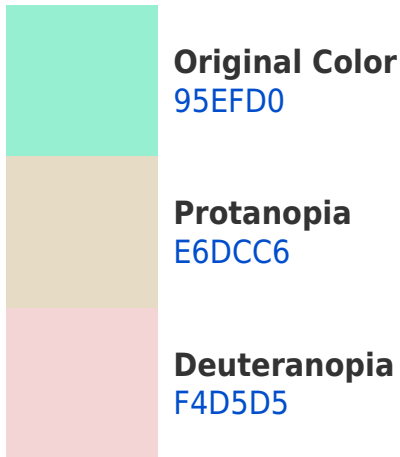


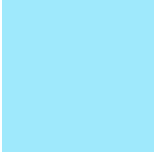
This preview shows how white text looks on a background with the Hex color 95EFD0.

# 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



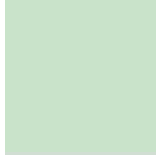


**Tritanopia**  
9FE9FC

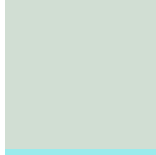
# Trichromacy



**Original Color**  
95EFD0



**Protanomaly**  
C9E3CA



**Deuteranomaly**  
D1DED3

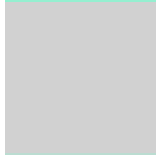


**Tritanomaly**  
9BEBEC

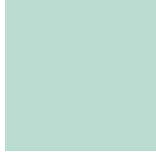
# Monochromacy



**Original Color**  
95EFD0



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
BBDCD1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95EFD0 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 #95EFD0 looks like.

```
.text, #text, p{  
    color:#95EFD0  
}
```

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 #95EFD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95EFD0
}
```

## Border

The CSS property to change the border of an element to Hex 95EFD0 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
#95EFD0 }
```

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

```
.border{ border-color:#95EFD0 }
```

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

Here you see how a box with a 4 pixel #95EFD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95EFD0; -webkit-box-shadow:4px 4px  
4px 4px #95EFD0; box-shadow:4px 4px 4px  
4px #95EFD0 }
```

# Background

The CSS property to change the background color of an element to Hex 95EFD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95EFD0 }
```

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

```
.background{ background-color:#95EFD0 }
```

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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