

# Converting Colors

Hex(95EDC3)

Have a look what the booklet for  
Hex(95EDC3) contains.

<b>Hex(95EDC3)</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(95EDC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95EDC3
RGB	149, 237, 195
RGB Percent	58%, 93%, 76%
CMY	0.4157, 0.0706, 0.2353
CMYK	0.37, 0.00, 0.18, 0.07
HSL	151°, 71%, 76%
HSV	151°, 37%, 93%
XYZ	52.5289, 70.8981, 62.5459
YIQ	205.9000, -38.9660, -31.7180

# Conversions

## Conversions Part 2

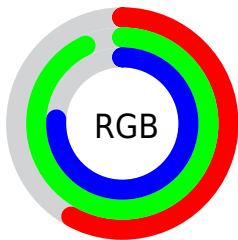
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	149, 207, 237
Decimal	9825731
CIE <sub>Lab</sub>	87.44, -35.52, 12.08
CIE <sub>LCh</sub>	87, 37.520, 161.216
Y <sub>xy</sub>	70.8981, 0.2825, 0.3812
Android (android.graphics.Color)	4288015811 (0xFF95EDC3)
YUV	205.9000, -5.3737, -49.9013
Hunter-Lab	84.2010, -35.9942, 14.8991

# Details

The Hex color **95EDC3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **ED95BF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CEFFFC**, and **5EB58D** is the 20% darker color. If you saturate the color by 10%, you get **7DED88**, and if you desaturate by 10%, it is **ADEDCE**.

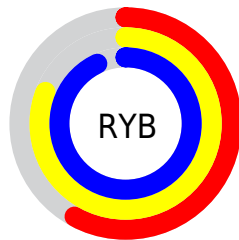
# Distribution



Red (58%)

Green (93%)

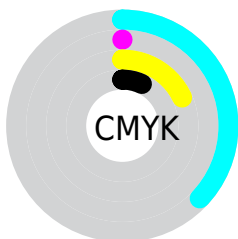
Blue (76%)



Red (58%)

Yellow (81%)

Blue (93%)

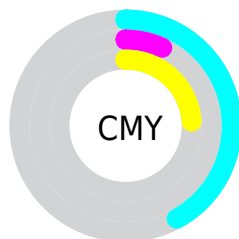


Cyan (37%)

Magenta (0%)

Yellow (18%)

Black (7%)



Cyan (42%)

Magenta (7%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95EDC3 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 95EDC3 by changing the saturation by 10% instead.



 95EDC3

 95EDC3

FFFFFF

 79D0A8

 CEFFFC

 5EB58D

 EBFFFF

 429A74

 247F5B

 006644

 004D2D

 003518

 002100

 000000

 95EDC3

 95EDC3

 7DED88

 ADEDCE

 66EDAC

 C4EDDA

 4EEDA1

 DCEDE5

 36ED96

 F4EDF0

 1FED8A

 FFEDFC

 07ED7F

 FFEDFF

 00ED7C

# Harmonies

## Analogous

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



BFE7A4



95EDC3



70EFE8

# Triad

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



95EDC3



C0DAFF



FFC6AE

# Complementary

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



95EDC3



ED95BF

# 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.



FFC0CF



95EDC3



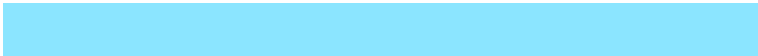
F1CDFF

# Square

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



95EDC3



8BE5FF



FFC3F3



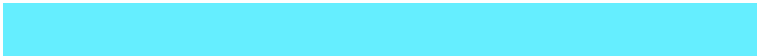
FFD198

# Rectangle

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



95EDC3



65EEFF



FFC3F3



FFC3B8

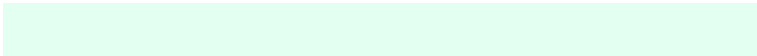


# Sweetspot

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



95EDC3



E3FFF2



C0ED95



6F8078



000000



808080

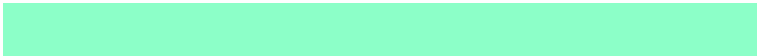


# Same Dimension

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



95EDC3



8CFFC8



95ECED



6A7570



00B55F



00361C



# Inverse Universe

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



ED95BF



FF8CC3



ED9695



756A6F



B50056

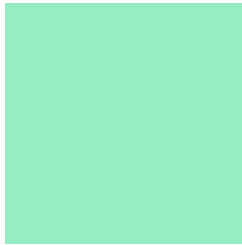


36001A



# Previews

## White Background



This preview shows how the Hex color 95EDC3 looks on a white background.

## Color Contrast Check

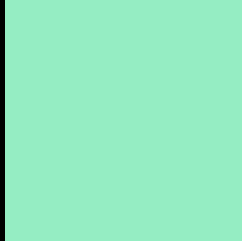
Large Text (above 18pt) WCAG AA × Fail

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 95EDC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

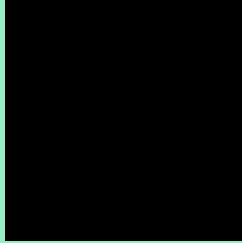
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95EDC3 Background



This preview shows how black text looks on a background with the Hex color 95EDC3.

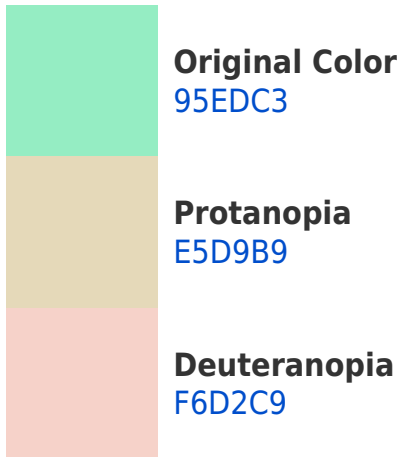


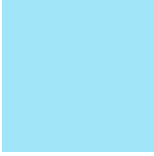
This preview shows how white text looks on a background with the Hex color 95EDC3.

# 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



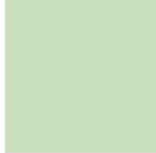


**Tritanopia**  
A1E6F8

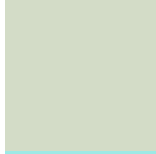
# Trichromacy



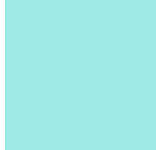
**Original Color**  
95EDC3



**Protanomaly**  
C8E0BD

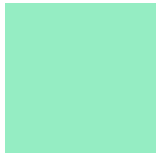


**Deuteranomaly**  
D3DCC7

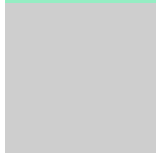


**Tritanomaly**  
9DE9E5

# Monochromacy



**Original Color**  
95EDC3



**Achromatopsia**  
CECECE



**Achromatomaly**  
B9D9CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95EDC3 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 #95EDC3 looks like.

```
.text, #text, p{  
    color:#95EDC3  
}
```

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 #95EDC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95EDC3
}
```

## Border

The CSS property to change the border of an element to Hex 95EDC3 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
#95EDC3 }
```

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

```
.border{ border-color:#95EDC3 }
```

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

Here you see how a box with a 4 pixel #95EDC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95EDC3; -webkit-box-shadow:4px 4px  
4px 4px #95EDC3; box-shadow:4px 4px 4px  
4px #95EDC3 }
```

# Background

The CSS property to change the background color of an element to Hex 95EDC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95EDC3 }
```

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

```
.background{ background-color:#95EDC3 }
```

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