

# Converting Colors

Hex(85DC95)

Have a look what the booklet for  
Hex(85DC95) contains.

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**Color**

**Hex(85DC95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85DC95
RGB	133, 220, 149
RGB Percent	52%, 86%, 58%
CMY	0.4784, 0.1373, 0.4157
CMYK	0.40, 0.00, 0.32, 0.14
HSL	131°, 55%, 69%
HSV	131°, 40%, 86%
XYZ	40.6909, 58.3429, 37.5504
YIQ	185.8930, -29.0610, -40.5250

# Conversions

## Conversions Part 2

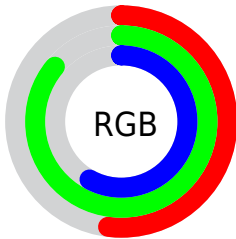
Format	Color
<a href="#">RYB</a>	<a href="#">133, 206, 220</a>
Decimal	<a href="#">8772757</a>
CIELab	<a href="#">80.93, -40.96, 26.87</a>
CIELCh	<a href="#">81, 48.983, 146.739</a>
Yxy	<a href="#">58.3429, 0.2979, 0.4272</a>
Android (android.graphics.Color)	<a href="#">4286962837 (0xFF85DC95)</a>
YUV	<a href="#">185.8930, -18.1882, -46.3872</a>
Hunter-Lab	<a href="#">76.3825, -38.5779, 24.3202</a>

# Details

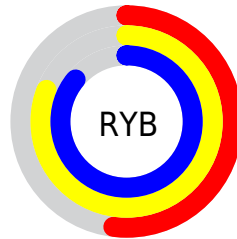
The Hex color **85DC95** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC85CC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BDF FCC**, and **4EA462** is the 20% darker color. If you saturate the color by 10%, you get **6FDC83**, and if you desaturate by 10%, it is **9BDCA7**.

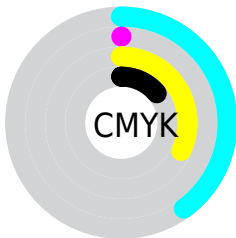
# Distribution



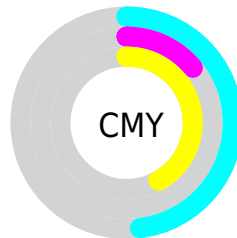
- Red (52%)
- Green (86%)
- Blue (58%)



- Red (52%)
- Yellow (81%)
- Blue (86%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (14%)



- Cyan (48%)
- Magenta (14%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85DC95 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 85DC95 by changing the saturation by 10% instead.



 85DC95

 85DC95

FFFFFF

 69C07B

 BDFECC

 4EA462

 DAFEE8

 328A49

 F7FFFF

 0E7032

 00561B

 003E03

 002900

 000600

 000000

 85DC95

 85DC95

 6FDC83

 9BDCA7

 59DC71

 B1DCB9

 43DC5F

 C7DCCB

 2DDC4D

 DDDCDD

 17DC3B

 F3DCEF

 01DC29

 FFDCFF

 00DC28

# Harmonies

## Analogous

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



BCD375



85DC95



38E1C2

# Triad

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



85DC95



76CFFF



FFA7A2

# Complementary

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



85DC95



DC85CC

# 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.



FFA4D0



85DC95



C6BFFF

# Square

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



85DC95



00DBFF



FEAEFC



FFB47E

# Rectangle

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



85DC95



00E1E2



FEAEFC



FFA5B1

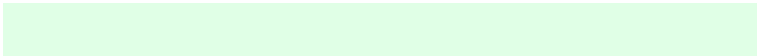


# Sweetspot

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



85DC95



E0FFE6



CCDC85



6E8071



000000



808080



# Same Dimension

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



85DC95



87FF9D



85DCC0



636E65



00AD20



002E08



# Inverse Universe

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



DC85CC



FF87E9



DC85A1



6E636C



AD008E

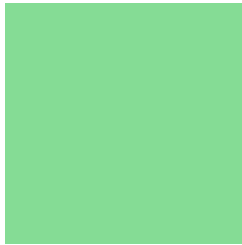


2E0025



# Previews

## White Background



This preview shows how the Hex color 85DC95 looks on a white background.

## Color Contrast Check

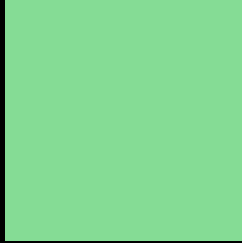
Large Text (above 18pt) WCAG AA × Fail

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 85DC95 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

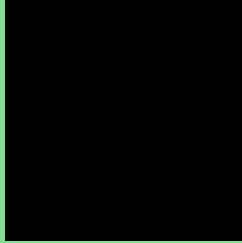
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85DC95 Background



This preview shows how black text looks on a background with the Hex color 85DC95.

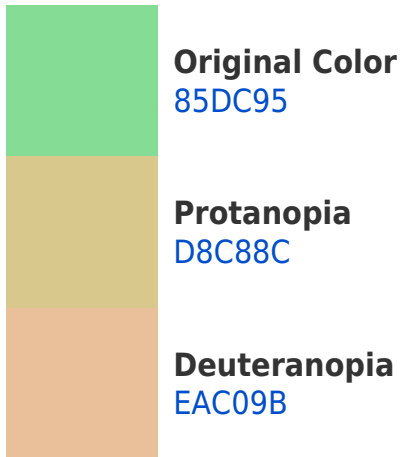


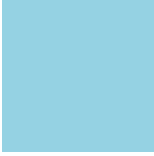
This preview shows how white text looks on a background with the Hex color 85DC95.

# 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](#).

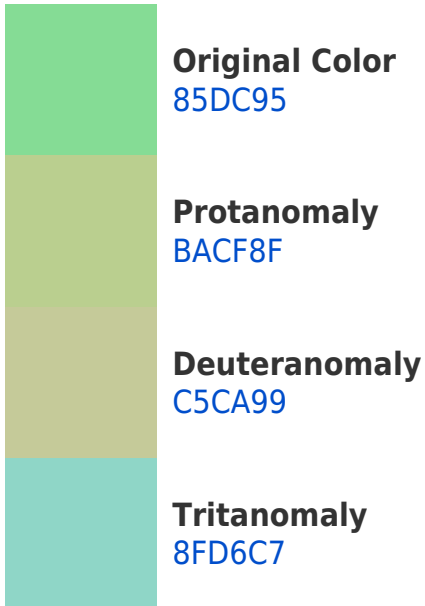
## Dichromacy



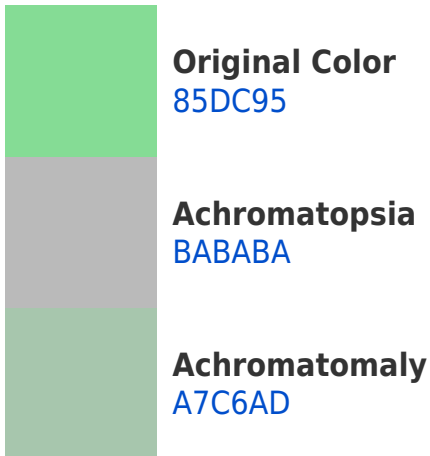


**Tritanopia**  
95D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85DC95 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 #85DC95 looks like.

```
.text, #text, p{  
    color:#85DC95  
}
```

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 #85DC95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85DC95
}
```

## Border

The CSS property to change the border of an element to Hex 85DC95 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
#85DC95 }
```

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

```
.border{ border-color:#85DC95 }
```

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

Here you see how a box with a 4 pixel #85DC95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85DC95; -webkit-box-shadow:4px 4px  
4px 4px #85DC95; box-shadow:4px 4px 4px  
4px #85DC95 }
```

# Background

The CSS property to change the background color of an element to Hex 85DC95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85DC95 }
```

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

```
.background{ background-color:#85DC95 }
```

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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