

# Converting Colors

Hex(5BCD85)

Have a look what the booklet for  
Hex(5BCD85) contains.

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# Color

Hex(5BCD85)

# Conversions

## Conversions Part 1

Format	Color
Hex	5BCD85
RGB	91, 205, 133
RGB Percent	36%, 80%, 52%
CMY	0.6431, 0.1961, 0.4784
CMYK	0.56, 0.00, 0.35, 0.20
HSL	142°, 53%, 58%
HSV	142°, 56%, 80%
XYZ	30.3793, 47.5802, 29.7730
YIQ	162.7060, -44.8320, -46.5600

# Conversions

## Conversions Part 2

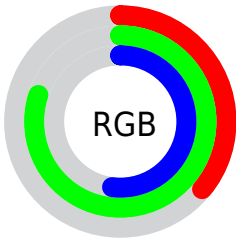
Format	Color
<a href="#">RYB</a>	<a href="#">91, 174, 205</a>
Decimal	<a href="#">6016389</a>
CIELab	<a href="#">74.56, -48.48, 26.32</a>
CIELCh	<a href="#">75, 55.167, 151.499</a>
Yxy	<a href="#">47.5802, 0.2820, 0.4417</a>
Android (android.graphics.Color)	<a href="#">4284206469 (0xFF5BCD85)</a>
YUV	<a href="#">162.7060, -14.6451, -62.8862</a>
Hunter-Lab	<a href="#">68.9784, -42.0977, 22.6937</a>

# Details

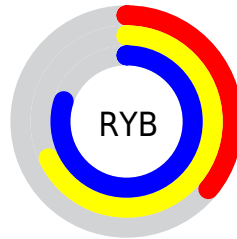
The Hex color **5BCD85** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CD5BA3**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **95FFBB**, and **149653** is the 20% darker color. If you saturate the color by 10%, you get **46CD78**, and if you desaturate by 10%, it is **6FCD92**.

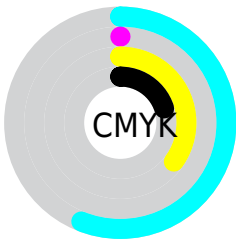
# Distribution



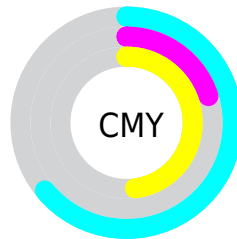
- Red (36%)
- Green (80%)
- Blue (52%)



- Red (36%)
- Yellow (68%)
- Blue (80%)



- Cyan (56%)
- Magenta (0%)
- Yellow (35%)
- Black (20%)



- Cyan (64%)
- Magenta (20%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BCD85 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 5BCD85 by changing the saturation by 10% instead.



 5BCD85

 5BCD85

FFFFFF

 3CB16B

 95FFBB

 149653

 B2FFD6

 007B3B

 CFFFF3

 006124

 EDFFFF

 00490D

 003100

 001900

 000000

 5BCD85

 5BCD85

 46CD78

 6FCD92

 32CD6B

 84CD9F

 1DCD5E

 99CDAC

 09CD51

 ADCDB9

 00CD4C

 C2CDC6

 D6CDD3

 EBCDE0

 FFCDED

 FFCDFA

# Harmonies

## Analogous

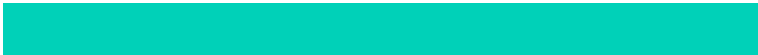
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FC45D



5BCD85



00D1B8

# Triad

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



5BCD85



5DBCFF



FF9285

# Complementary

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



5BCD85



CD5BA3

# 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.



FF8CB7



5BCD85



BEA9FF

# Square

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



5BCD85



00C9FF



F896E9



FBA35E

# Rectangle

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



5BCD85



00D1DB



F896E9



FF8E95

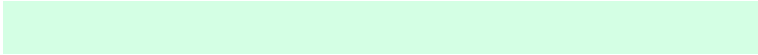


# Sweetspot

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



5BCD85



D4FFE4



A3CD5B



66806F



000000



808080



# Same Dimension

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



5BCD85



54FF93



5BCDBE



5C6660



00A63D



00260E



# Inverse Universe

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



CD5BA3



FF54C0



CD5B6A



665C62



A60069



260018



# Previews

## White Background



This preview shows how the Hex color 5BCD85 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 5BCD85 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

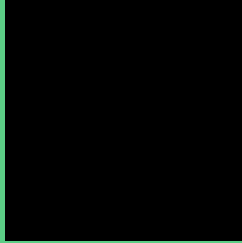
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BCD85 Background



This preview shows how black text looks on a background with the Hex color 5BCD85.

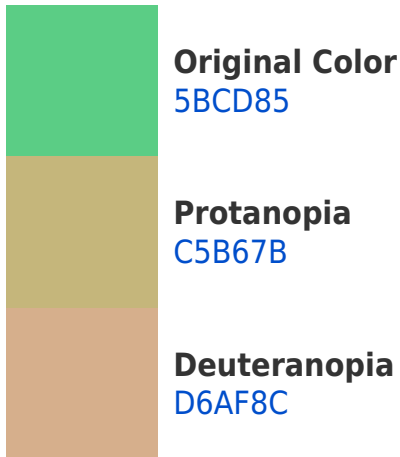


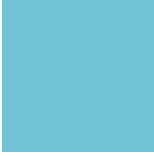
This preview shows how white text looks on a background with the Hex color 5BCD85.

# 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



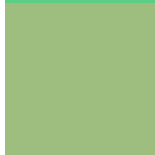


**Tritanopia**  
71C3D3

# Trichromacy



**Original Color**  
5BCD85



**Protanomaly**  
9EBE7F



**Deuteranomaly**  
A9BA89



**Tritanomaly**  
69C7B7

# Monochromacy



**Original Color**  
5BCD85



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
89B298

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BCD85 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 #5BCD85 looks like.

```
.text, #text, p{  
    color:#5BCD85  
}
```

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 #5BCD85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BCD85
}
```

## Border

The CSS property to change the border of an element to Hex 5BCD85 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
#5BCD85 }
```

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

```
.border{ border-color:#5BCD85 }
```

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

Here you see how a box with a 4 pixel #5BCD85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BCD85; -webkit-box-shadow:4px 4px  
4px 4px #5BCD85; box-shadow:4px 4px 4px  
4px #5BCD85 }
```

# Background

The CSS property to change the background color of an element to Hex 5BCD85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BCD85 }
```

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

```
.background{ background-color:#5BCD85 }
```

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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