

Converting Colors

Hex(5BCD94)

Have a look what the booklet for
Hex(5BCD94) contains.

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Color

Hex(5BCD94)

Conversions

Conversions Part 1

Format	Color
Hex	5BCD94
RGB	91, 205, 148
RGB Percent	36%, 80%, 58%
CMY	0.6431, 0.1961, 0.4196
CMYK	0.56, 0.00, 0.28, 0.20
HSL	150°, 53%, 58%
HSV	150°, 56%, 80%
XYZ	31.4910, 48.0249, 35.6270
YIQ	164.4160, -49.6470, -41.8950

Conversions

Conversions Part 2

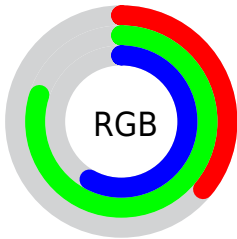
Format	Color
RYB	91, 167, 205
Decimal	6016404
CIELab	74.84, -45.57, 18.80
CIElCh	75, 49.300, 157.578
Yxy	48.0249, 0.2735, 0.4171
Android (android.graphics.Color)	4284206484 (0xFF5BCD94)
YUV	164.4160, -8.0931, -64.3858
Hunter-Lab	69.3000, -40.1618, 18.0292

Details

The Hex color **5BCD94** 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 **CD5B94**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **95FFCA**, and **149661** is the 20% darker color. If you saturate the color by 10%, you get **46CD8A**, and if you desaturate by 10%, it is **6FCD9E**.

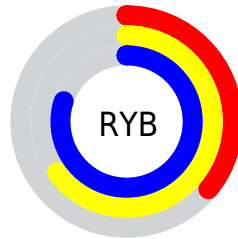
Distribution



Red (36%)

Green (80%)

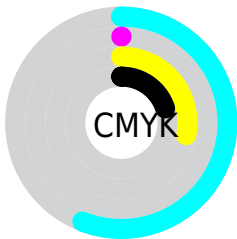
Blue (58%)



Red (36%)

Yellow (65%)

Blue (80%)

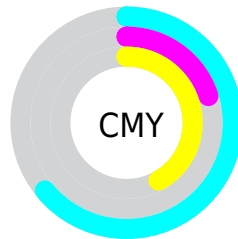


Cyan (56%)

Magenta (0%)

Yellow (28%)

Black (20%)



Cyan (64%)

Magenta (20%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BCD94 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 5BCD94 by changing the saturation by 10% instead.

 5BCD94

 5BCD94

FFFFFF

 3CB17A

 95FFCA

 149661

 B2FFE6

 007B49

 CFFFFFF

 006232

 EDFFFF

 00491C

 003105

 001A00

 000000

 5BCD94

 5BCD94

 46CD8A

 6FCD9E

 32CD7F

 84CDA9

 1DCD75

 99CDB3

 09CD6B

 ADCDBD

 00CD67

 C2CDC7

 D6CDD2

 EBCDDC

 FFCDE6

 FFCDF0

Harmonies

Analogous

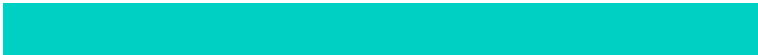
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98C66E



5BCD94



00D0C3

Triad

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



5BCD94



83B9FF



FF9A83

Complementary

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



5BCD94



CD5B94

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.



FF93AE



5BCD94



CBA8FF

Square

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



5BCD94



00C6FF



FA98DC



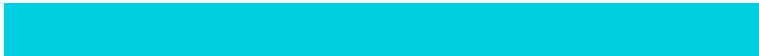
F0AA64

Rectangle

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



5BCD94



00CFE1



FA98DC



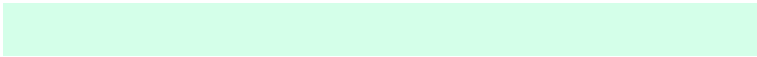
FF9691

Sweetspot

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



5BCD94



D4FFE9



94CD5B



668073



000000



808080

Same Dimension

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



5BCD94



54FFAA



5BCDCD



5C6661



00A653



002613

Inverse Universe

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



CD5B94



FF54AA



CD5B5B



665C61



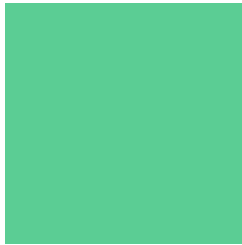
A60053



260013

Previews

White Background



This preview shows how the Hex color 5BCD94 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 5BCD94 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 5BCD94 Background



This preview shows how black text looks on a background with the Hex color 5BCD94.

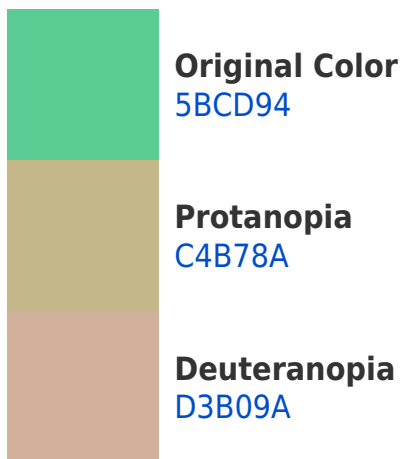


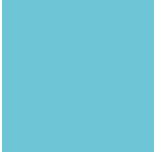
This preview shows how white text looks on a background with the Hex color 5BCD94.

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
6EC5D5

Trichromacy



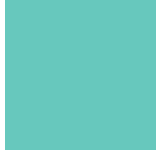
Original Color
5BCD94



Protanomaly
9EBF8E



Deuteranomaly
A7BB98

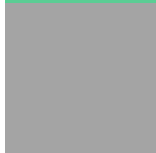


Tritanomaly
67C8BD

Monochromacy



Original Color
5BCD94



Achromatopsia
A4A4A4



Achromatomaly
89B39E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BCD94 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 #5BCD94 looks like.

```
.text, #text, p{  
    color:#5BCD94  
}
```

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 #5BCD94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BCD94
}
```

Border

The CSS property to change the border of an element to Hex 5BCD94 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
#5BCD94 }
```

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

```
.border{ border-color:#5BCD94 }
```

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

Here you see how a box with a 4 pixel #5BCD94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BCD94; -webkit-box-shadow:4px 4px  
4px 4px #5BCD94; box-shadow:4px 4px 4px  
4px #5BCD94 }
```

Background

The CSS property to change the background color of an element to Hex 5BCD94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BCD94 }
```

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

```
.background{ background-color:#5BCD94 }
```

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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