

Converting Colors

Hex(5FBD94)

Have a look what the booklet for
Hex(5FBD94) contains.

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Color

Hex(5FBD94)

Conversions

Conversions Part 1

Format	Color
Hex	5FBD94
RGB	95, 189, 148
RGB Percent	37%, 74%, 58%
CMY	0.6275, 0.2588, 0.4196
CMYK	0.50, 0.00, 0.22, 0.26
HSL	154°, 42%, 56%
HSV	154°, 50%, 74%
XYZ	28.2622, 40.9662, 34.4347
YIQ	156.2200, -42.8630, -32.6790

Conversions

Conversions Part 2

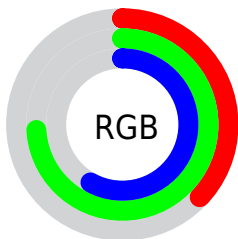
Format	Color
RYB	95, 155, 189
Decimal	6274452
CIELab	70.15, -37.62, 12.28
CIELCh	70, 39.570, 161.926
Yxy	40.9662, 0.2726, 0.3952
Android (android.graphics.Color)	4284464532 (0xFF5FBD94)
YUV	156.2200, -4.0525, -53.6899
Hunter-Lab	64.0048, -33.1894, 12.9053

Details

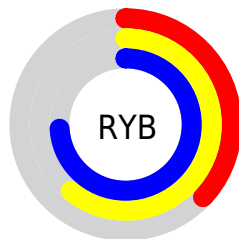
The Hex color **5FBD94** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BD5F88**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **97F6CA**, and **238761** is the 20% darker color. If you saturate the color by 10%, you get **4CBD8C**, and if you desaturate by 10%, it is **72BD9C**.

Distribution



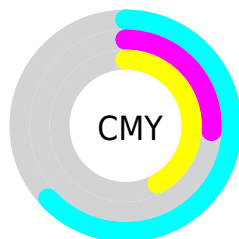
- Red (37%)
- Green (74%)
- Blue (58%)



- Red (37%)
- Yellow (61%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (22%)
- Black (26%)



- Cyan (63%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FBD94 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 5FBD94 by changing the saturation by 10% instead.

 5FBD94

 5FBD94

FFFFFF

 43A27A

 97F6CA

 238761

 B3FFE6

 006D49

 D0FFFF

 005433

 EDFFFF

 003C1D

 002705

 000100

 000000

 5FBD94

 5FBD94

 4CBD8C

 72BD9C

 39BD84

 85BDA4

 26BD7B

 98BDAD

 13BD73

 ABBDB5

 00BD6B

 BEBDBD

 D0BDC5

 E3BDCE

 F6BDD6

 FFBDD E

Harmonies

Analogous

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



8DB775



5FBD94



22BFB9

Triad

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



5FBD94



8EAAF2



EB967D

Complementary

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



5FBD94



BD5F88

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.



F18F9E



5FBD94



C29DE1

Square

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



5FBD94



4CB5EF



E492C3



D5A267

Rectangle

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



5FBD94



00BED0



E492C3



EF9387

Sweetspot

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



5FBD94



D0F5E5



89BD5F



647A71



FAFAFA



7A7A7A

Same Dimension

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



5FBD94



62F5B5



5FB8BD



555E5A



009E59



001F11

Inverse Universe

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



BD5F88



F562A2



BD645F



5E5559



9E0045



1F000D

Previews

White Background



This preview shows how the Hex color 5FBD94 looks on a white background.

Color Contrast Check

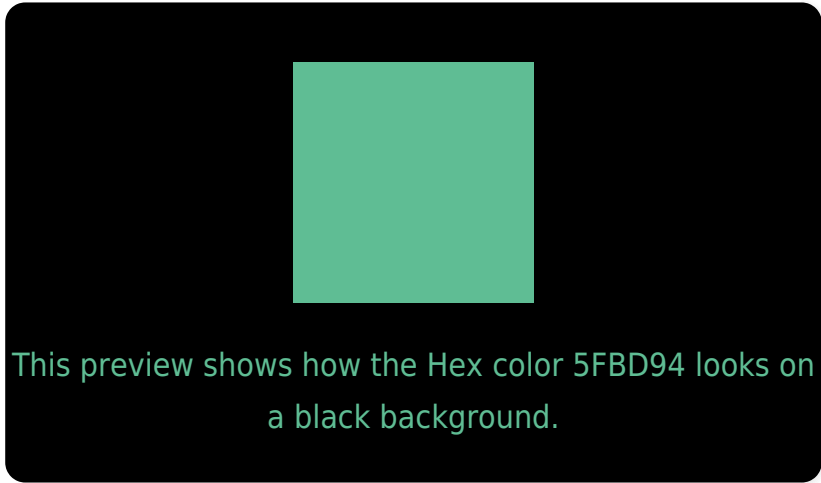
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

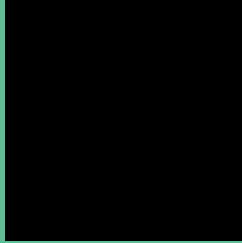
Any Text WCAG AA ✓ Pass

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 5FBD94 Background



This preview shows how black text looks on a background with the Hex color 5FBD94.

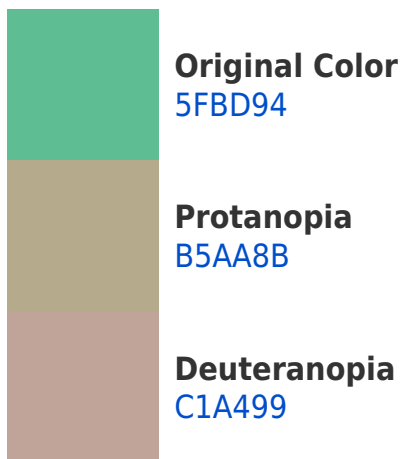


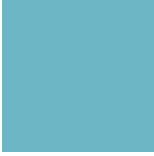
This preview shows how white text looks on a background with the Hex color 5FBD94.

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](#).

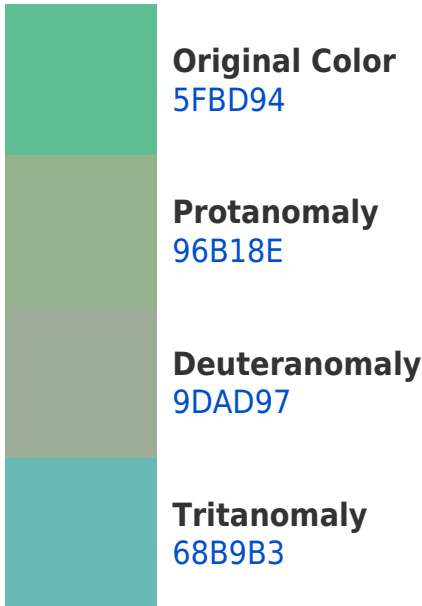
Dichromacy



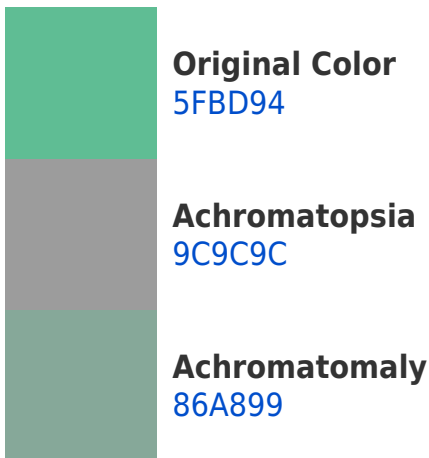


Tritanopia
6DB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FBD94 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 #5FBD94 looks like.

```
.text, #text, p{  
    color:#5FBD94  
}
```

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 #5FBD94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBD94
}
```

Border

The CSS property to change the border of an element to Hex 5FBD94 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
#5FBD94 }
```

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

```
.border{ border-color:#5FBD94 }
```

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

Here you see how a box with a 4 pixel #5FBD94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBD94; -webkit-box-shadow:4px 4px  
4px 4px #5FBD94; box-shadow:4px 4px 4px  
4px #5FBD94 }
```

Background

The CSS property to change the background color of an element to Hex 5FBD94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBD94 }
```

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

```
.background{ background-color:#5FBD94 }
```

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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