

Converting Colors

Hex(5FDB9F)

Have a look what the booklet for
Hex(5FDB9F) contains.

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Color

Hex(5FDB9F)

Conversions

Conversions Part 1

Format	Color
Hex	5FDB9F
RGB	95, 219, 159
RGB Percent	37%, 86%, 62%
CMY	0.6275, 0.1412, 0.3765
CMYK	0.57, 0.00, 0.27, 0.14
HSL	151°, 63%, 62%
HSV	151°, 57%, 86%
XYZ	36.3088, 55.5991, 41.6189
YIQ	175.0840, -54.6440, -44.9480

Conversions

Conversions Part 2

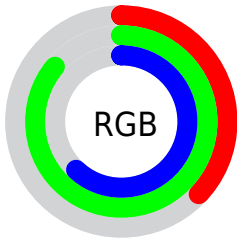
Format	Color
RYB	95, 177, 219
Decimal	6282143
CIELab	79.39, -48.35, 19.31
CIElCh	79, 52.062, 158.228
Yxy	55.5991, 0.2719, 0.4164
Android (android.graphics.Color)	4284472223 (0xFF5FDB9F)
YUV	175.0840, -7.9294, -70.2337
Hunter-Lab	74.5648, -43.5691, 19.1022

Details

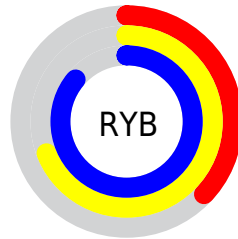
The Hex color **5FDB9F** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DB5F9B**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **9AFFD6**, and **15A36B** is the 20% darker color. If you saturate the color by 10%, you get **49DB94**, and if you desaturate by 10%, it is **75DBAA**.

Distribution



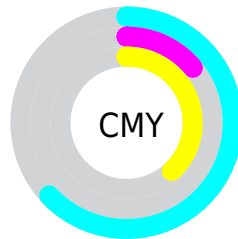
- Red (37%)
- Green (86%)
- Blue (62%)



- Red (37%)
- Yellow (69%)
- Blue (86%)



- Cyan (57%)
- Magenta (0%)
- Yellow (27%)
- Black (14%)



- Cyan (63%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FDB9F 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 5FDB9F by changing the saturation by 10% instead.



5FDB9F



5FDB9F

FFFFFF



3FBF85



9AFFD6



15A36B



B8FFF2



008853



D5FFFF



006E3B



F3FFFF



005525



003C10



002600



000000



5FDB9F



5FDB9F

 49DB94

 75DBAA

 33DB8A

 8BDBB4

 1DDB7F

 A1DBBF

 07DB75

 B7DBC9

 00DB71

 CCDBD4

 E2DBDF

 F8DBE9

 FFDBF4

 FFDBFE

Harmonies

Analogous

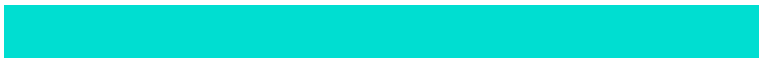
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1D376



5FDB9F



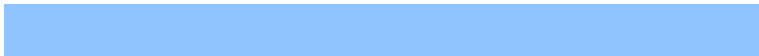
00DED1

Triad

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



5FDB9F



8EC5FF



FFA58B

Complementary

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



5FDB9F



DB5F9B

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.



FF9DB9



5FDB9F



DBB3FF

Square

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



5FDB9F



00D3FF



FFA2EA



FFB56A

Rectangle

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



5FDB9F



00DDF1



FFA2EA



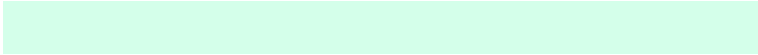
FFA199

Sweetspot

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



5FDB9F



D4FFEA



9DDB5F



668073



000000



808080

Same Dimension

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



5FDB9F



52FFAB



5FDBDB



636E68



00AD59



002E18

Inverse Universe

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



DB5F9B



FF52A6



DB5F5F



6E6368



AD0054



2E0016

Previews

White Background



This preview shows how the Hex color 5FDB9F looks on a white background.

Color Contrast Check

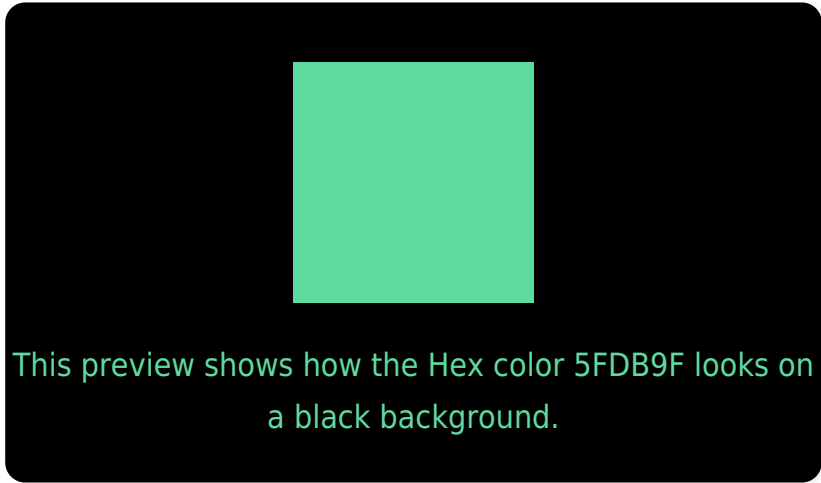
Large Text (above 18pt) WCAG AA × Fail

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

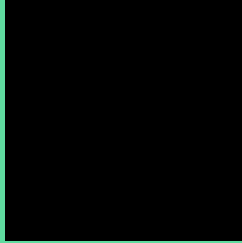
Any Text WCAG AA ✓ Pass

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 5FDB9F Background



This preview shows how black text looks on a background with the Hex color 5FDB9F.

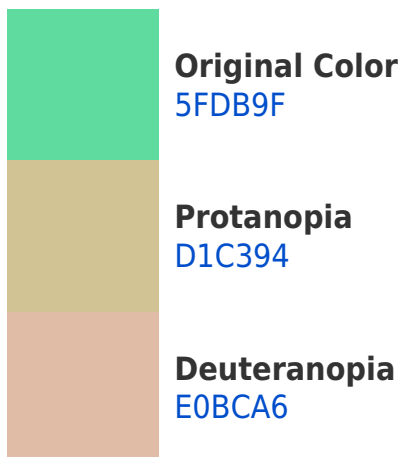


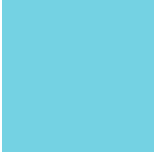
This preview shows how white text looks on a background with the Hex color 5FDB9F.

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](#).

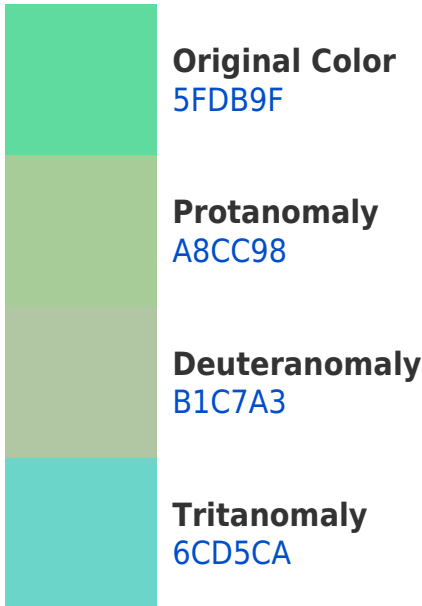
Dichromacy



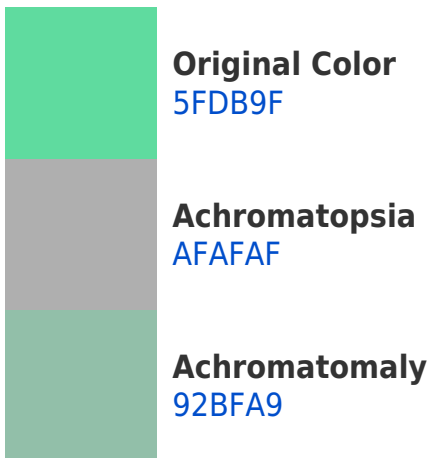


Tritanopia
74D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FDB9F 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 #5FDB9F looks like.

```
.text, #text, p{  
    color:#5FDB9F  
}
```

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 #5FDB9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FDB9F
}
```

Border

The CSS property to change the border of an element to Hex 5FDB9F 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
#5FDB9F }
```

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

```
.border{ border-color:#5FDB9F }
```

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

Here you see how a box with a 4 pixel #5FDB9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FDB9F; -webkit-box-shadow:4px 4px  
4px 4px #5FDB9F; box-shadow:4px 4px 4px  
4px #5FDB9F }
```

Background

The CSS property to change the background color of an element to Hex 5FDB9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FDB9F }
```

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

```
.background{ background-color:#5FDB9F }
```

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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