

Converting Colors

Hex(5DBF84)

Have a look what the booklet for
Hex(5DBF84) contains.

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Color

Hex(5DBF84)

Conversions

Conversions Part 1

Format	Color
Hex	5DBF84
RGB	93, 191, 132
RGB Percent	36%, 75%, 52%
CMY	0.6353, 0.2510, 0.4824
CMYK	0.51, 0.00, 0.31, 0.25
HSL	144°, 43%, 56%
HSV	144°, 51%, 75%
XYZ	27.3099, 41.2547, 28.3534
YIQ	154.9720, -39.4690, -39.1250

Conversions

Conversions Part 2

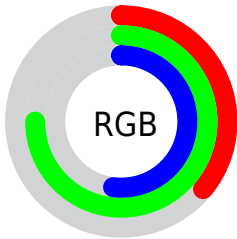
Format	Color
RYB	93, 163, 191
Decimal	6143876
CIELab	70.35, -42.28, 21.17
CIELCh	70, 47.283, 153.402
Yxy	41.2547, 0.2818, 0.4257
Android (android.graphics.Color)	4284333956 (0xFF5DBF84)
YUV	154.9720, -11.3252, -54.3494
Hunter-Lab	64.2298, -36.5058, 18.7881

Details

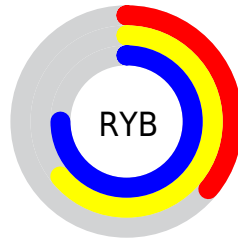
The Hex color **5DBF84** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF5D98**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **95F8B9**, and **1F8952** is the 20% darker color. If you saturate the color by 10%, you get **4ABF79**, and if you desaturate by 10%, it is **70BF8F**.

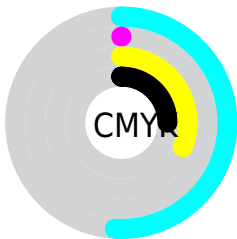
Distribution



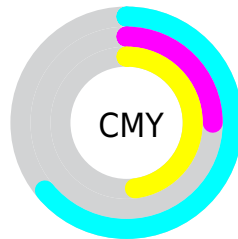
- Red (36%)
- Green (75%)
- Blue (52%)



- Red (36%)
- Yellow (64%)
- Blue (75%)



- Cyan (51%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DBF84 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 5DBF84 by changing the saturation by 10% instead.

 5DBF84

 5DBF84

FFFFFF

 40A36B

 95F8B9

 1F8952

 B2FFD5

 006F3B

 CFFFF2

 005624

 ECFE5F

 003D0F

 002800

 000200

 000000

 5DBF84

 5DBF84

 4ABF79


 70BF8F

 37BF6D

 83BF9B

 24BF62

 96BFA6

 11BF56

 A9BFB2

 00BF4C

 BDBFBD

 D0BFC9

 E3BFD4

 F6BFEO

 FFBFEB

Harmonies

Analogous

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



95B762



5DBF84



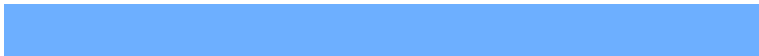
00C2B0

Triad

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



5DBF84



6DAFFF



FA8E7F

Complementary

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



5DBF84



BF5D98

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.



FC88A9



5DBF84



B69FF4

Square

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



5DBF84



00BBF8



E590D3



E59C60

Rectangle

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



5DBF84



00C2CD



E590D3



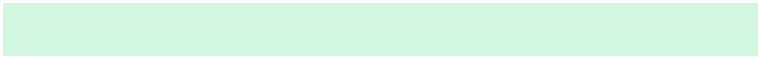
FD8B8C

Sweetspot

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



5DBF84



D2F7E1



99BF5D



667D6F



FCFCFC



7D7D7D

Same Dimension

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



5DBF84



5EF79B



5DBFB4



555E59



009E3F



001F0C

Inverse Universe

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



BF5D98



F75EBA



BF5D68



5E555B



9E005F



1F0012

Previews

White Background



This preview shows how the Hex color 5DBF84 looks on a white background.

Color Contrast Check

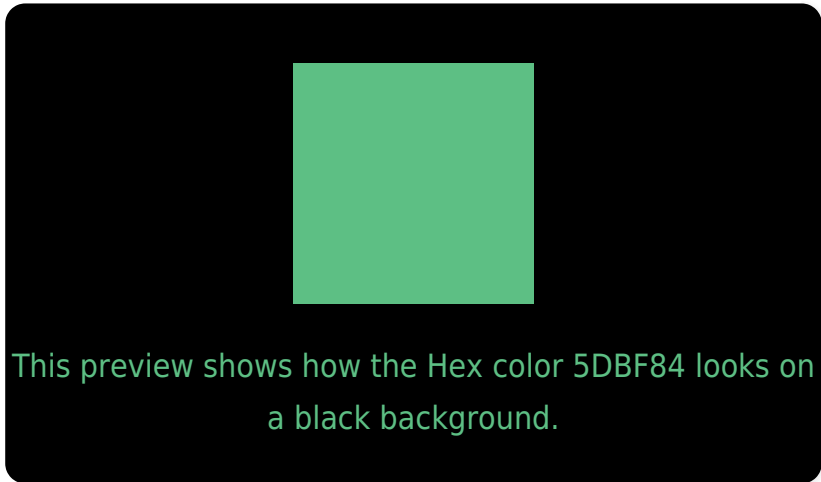
Large Text (above 18pt) WCAG AA × Fail

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

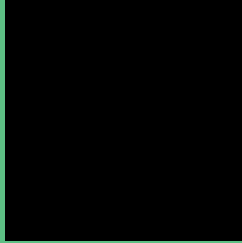
Any Text WCAG AA ✓ Pass

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 5DBF84 Background



This preview shows how black text looks on a background with the Hex color 5DBF84.

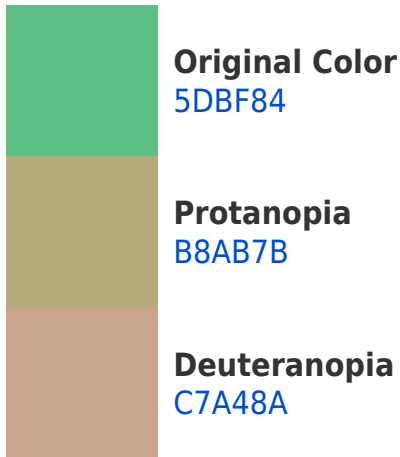


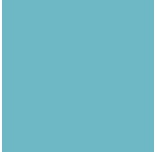
This preview shows how white text looks on a background with the Hex color 5DBF84.

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](#).

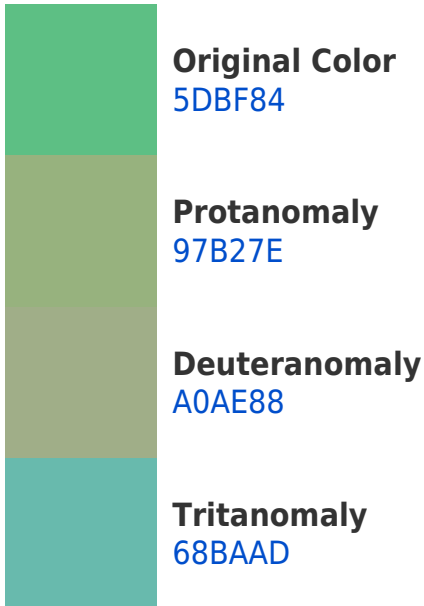
Dichromacy





Tritanopia
6EB7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DBF84 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 #5DBF84 looks like.

```
.text, #text, p{  
    color:#5DBF84  
}
```

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 #5DBF84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DBF84
}
```

Border

The CSS property to change the border of an element to Hex 5DBF84 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
#5DBF84 }
```

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

```
.border{ border-color:#5DBF84 }
```

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

Here you see how a box with a 4 pixel #5DBF84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DBF84; -webkit-box-shadow:4px 4px  
4px 4px #5DBF84; box-shadow:4px 4px 4px  
4px #5DBF84 }
```

Background

The CSS property to change the background color of an element to Hex 5DBF84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DBF84 }
```

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

```
.background{ background-color:#5DBF84 }
```

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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