

Converting Colors

Hex(5DB59F)

Have a look what the booklet for
Hex(5DB59F) contains.

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Color

Hex(5DB59F)

Conversions

Conversions Part 1

Format	Color
Hex	5DB59F
RGB	93, 181, 159
RGB Percent	36%, 71%, 62%
CMY	0.6353, 0.2902, 0.3765
CMYK	0.49, 0.00, 0.12, 0.29
HSL	165°, 37%, 54%
HSV	165°, 49%, 71%
XYZ	27.2961, 37.8781, 38.6734
YIQ	152.1800, -45.3860, -25.4980

Conversions

Conversions Part 2

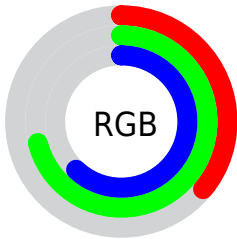
Format	Color
RYB	93, 143, 181
Decimal	6141343
CIELab	67.93, -31.89, 3.07
CIELCh	68, 32.037, 174.502
Yxy	37.8781, 0.2628, 0.3647
Android (android.graphics.Color)	4284331423 (0xFF5DB59F)
YUV	152.1800, 3.3623, -51.9009
Hunter-Lab	61.5452, -28.5370, 5.8253

Details

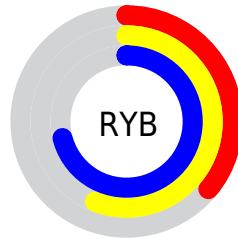
The Hex color **5DB59F** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B55D73**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **95EDD6**, and **22806C** is the 20% darker color. If you saturate the color by 10%, you get **4BB59A**, and if you desaturate by 10%, it is **6FB5A4**.

Distribution



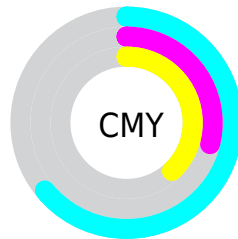
- Red (36%)
- Green (71%)
- Blue (62%)



- Red (36%)
- Yellow (56%)
- Blue (71%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB59F 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 5DB59F by changing the saturation by 10% instead.

 5DB59F

FFFFFF

 95EDD6

 B1FFF2

 CEFFFF

 EBFFFF

 5DB59F

 419A85

 22806C

 006653

 004E3C

 003627

 002212

 000000


 5DB59F

 4BB59A

 5DB59F

 6FB5A4

 39B596

 81B5A8

 27B591

 93B5AD

 15B58D

 A5B5B1

 03B588

 B8B5B6

 00B588

 CAB5BA

 DCB5BF

 EEB5C3

 FFB5C8

Harmonies

Analogous

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



7FB283



5DB59F



43B5BC

Triad

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



5DB59F



A2A0DA



D49878

Complementary

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



5DB59F



B55D73

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.



DF918F



5DB59F



C596C7

Square

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



5DB59F



76AADF



DA90AC



BEA26C

Rectangle

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



5DB59F



45B3CD



DA90AC



D9957E

Sweetspot

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



5DB59F



C7EBE2



73B55D



607570



F5F5F5



757575

Same Dimension

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



5DB59F



63EBC9



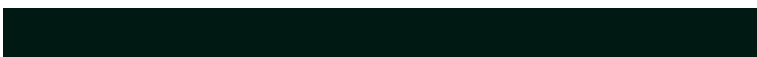
5D9FB5



505957



009973



001A13

Inverse Universe

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



B55D73



EB6385



B5735D



595053



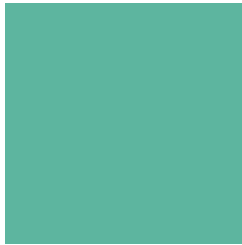
990026



1A0006

Previews

White Background



This preview shows how the Hex color 5DB59F looks on a white background.

Color Contrast Check

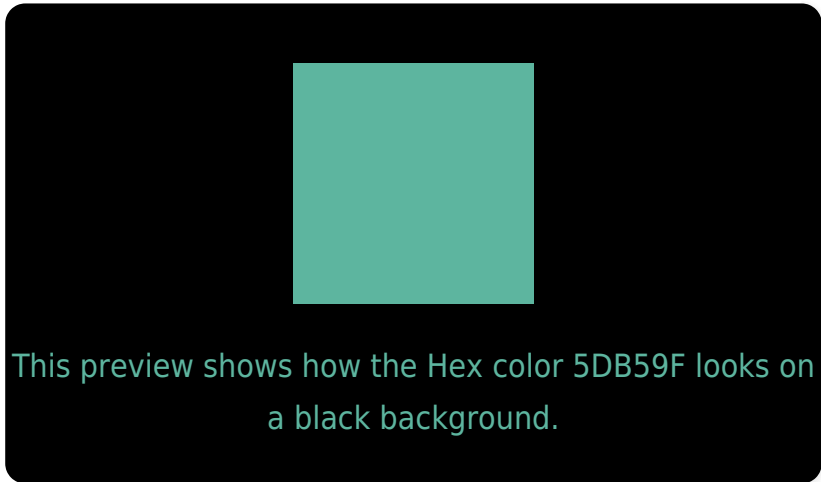
Large Text (above 18pt) WCAG AA × Fail

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

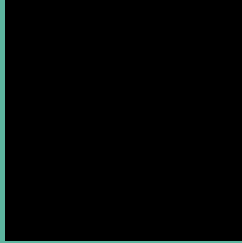
Any Text WCAG AA ✓ Pass

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 5DB59F Background



This preview shows how black text looks on a background with the Hex color 5DB59F.

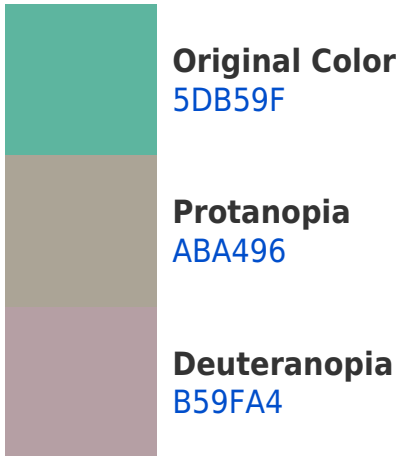


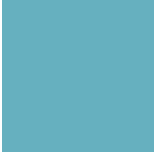
This preview shows how white text looks on a background with the Hex color 5DB59F.

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](#).

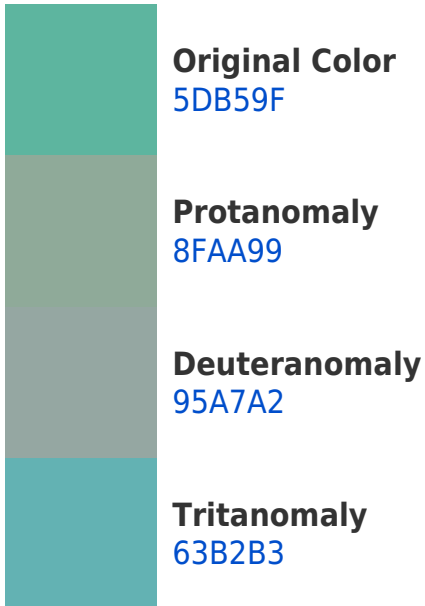
Dichromacy





Tritanopia
66B0BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB59F 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 #5DB59F looks like.

```
.text, #text, p{  
    color:#5DB59F  
}
```

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 #5DB59F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB59F
}
```

Border

The CSS property to change the border of an element to Hex 5DB59F 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
#5DB59F }
```

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

```
.border{ border-color:#5DB59F }
```

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

Here you see how a box with a 4 pixel #5DB59F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB59F; -webkit-box-shadow:4px 4px  
4px 4px #5DB59F; box-shadow:4px 4px 4px  
4px #5DB59F }
```

Background

The CSS property to change the background color of an element to Hex 5DB59F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB59F }
```

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

```
.background{ background-color:#5DB59F }
```

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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