

Converting Colors

Hex(56D59B)

Have a look what the booklet for
Hex(56D59B) contains.

Hex(56D59B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(56D59B)

Conversions

Conversions Part 1

Format	Color
Hex	56D59B
RGB	86, 213, 155
RGB Percent	34%, 84%, 61%
CMY	0.6627, 0.1647, 0.3922
CMYK	0.60, 0.00, 0.27, 0.16
HSL	153°, 60%, 59%
HSV	153°, 60%, 84%
XYZ	33.5484, 51.9335, 39.2663
YIQ	168.4150, -57.0740, -44.9620

Conversions

Conversions Part 2

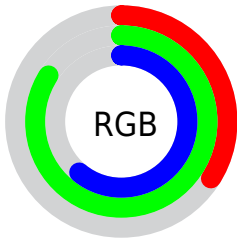
Format	Color
RYB	86, 168, 213
Decimal	5690779
CIELab	77.24, -48.54, 18.40
CIELCh	77, 51.914, 159.239
Yxy	51.9335, 0.2689, 0.4163
Android (android.graphics.Color)	4283880859 (0xFF56D59B)
YUV	168.4150, -6.6136, -72.2780
Hunter-Lab	72.0649, -43.0164, 18.1398

Details

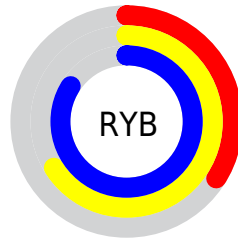
The Hex color **56D59B** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D55690**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **92FFD2**, and **009D68** is the 20% darker color. If you saturate the color by 10%, you get **41D591**, and if you desaturate by 10%, it is **6BD5A5**.

Distribution



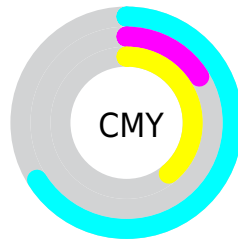
- Red (34%)
- Green (84%)
- Blue (61%)



- Red (34%)
- Yellow (66%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56D59B 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 56D59B by changing the saturation by 10% instead.

 56D59B

 56D59B

FFFFFF

 34B981

 92FFD2

 009D68

 AFFFEE

 00834F

 CDFFFF

 006938

 EBFFFF

 004F22

 00370D

 002100

 000000

 56D59B

 56D59B

 41D591


 6BD5A5

 2BD588

 81D5AE

 16D57E

 96D5B8

 01D574

 ABD5C2

 00D574

 C1D5CC

 D6D5D5

 EBD5DF

 FFD5E9

 FFD5F3

Harmonies

Analogous

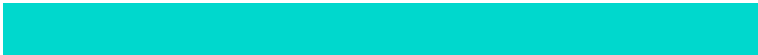
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ACD72



56D59B



00D8CD

Triad

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



56D59B



8BBFFF



FFA084

Complementary

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



56D59B



D55690

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.



FF97B2



56D59B



D6ACFF

Square

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



56D59B



00CDFF



FF9CE2



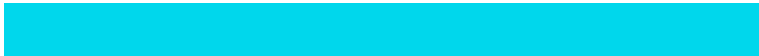
F8B065

Rectangle

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



56D59B



00D7EC



FF9CE2



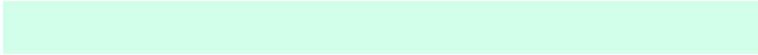
FF9B92

Sweetspot

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



56D59B



D1FFEA



91D556



638073



000000



808080

Same Dimension

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



56D59B



47FFAB



56D1D5



606B66



00AB5D



002B18

Inverse Universe

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



D55690



FF479B



D55A56



6B6065



AB004E



2B0014

Previews

White Background



This preview shows how the Hex color 56D59B looks on a white background.

Color Contrast Check

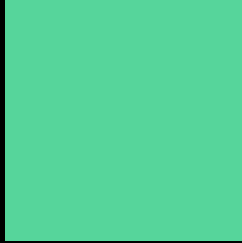
Large Text (above 18pt) WCAG AA × Fail

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 56D59B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

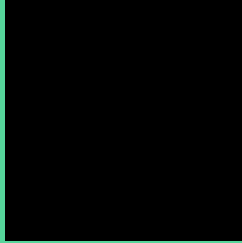
Any Text WCAG AA ✓ Pass

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 56D59B Background



This preview shows how black text looks on a background with the Hex color 56D59B.

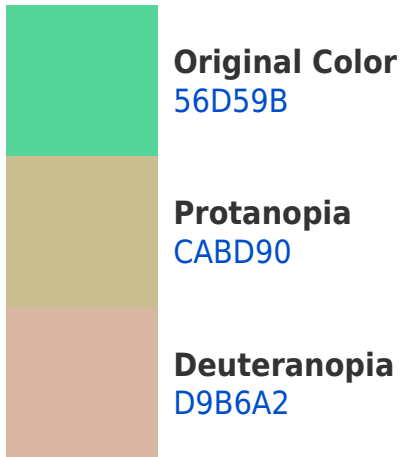


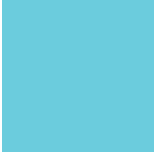
This preview shows how white text looks on a background with the Hex color 56D59B.

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](#).

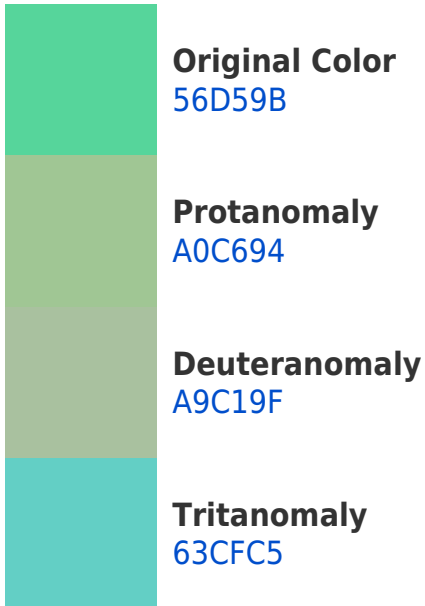
Dichromacy



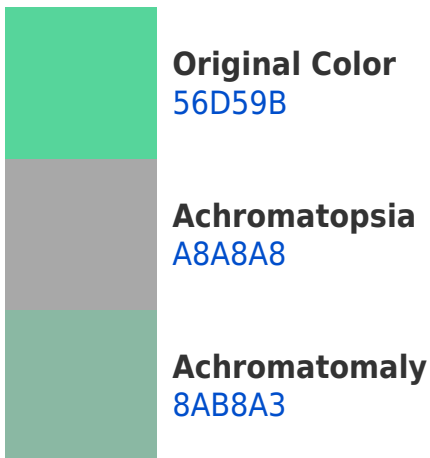


Tritanopia
6BCCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56D59B 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 #56D59B looks like.

```
.text, #text, p{  
    color:#56D59B  
}
```

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 #56D59B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D59B
}
```

Border

The CSS property to change the border of an element to Hex 56D59B 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
#56D59B }
```

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

```
.border{ border-color:#56D59B }
```

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

Here you see how a box with a 4 pixel #56D59B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D59B; -webkit-box-shadow:4px 4px  
4px 4px #56D59B; box-shadow:4px 4px 4px  
4px #56D59B }
```

Background

The CSS property to change the background color of an element to Hex 56D59B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D59B }
```

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

```
.background{ background-color:#56D59B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor