

# Converting Colors

Hex(56D59A)

Have a look what the booklet for  
Hex(56D59A) contains.

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**Color**

**Hex(56D59A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56D59A
RGB	86, 213, 154
RGB Percent	34%, 84%, 60%
CMY	0.6627, 0.1647, 0.3961
CMYK	0.60, 0.00, 0.28, 0.16
HSL	152°, 60%, 59%
HSV	152°, 60%, 84%
XYZ	33.4647, 51.9000, 38.8258
YIQ	168.3010, -56.7530, -45.2730

# Conversions

## Conversions Part 2

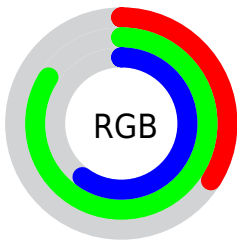
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 169, 213
Decimal	5690778
CIELab	77.22, -48.75, 18.90
CIELCh	77, 52.287, 158.808
Yxy	51.9000, 0.2695, 0.4179
Android (android.graphics.Color)	4283880858 (0xFF56D59A)
YUV	168.3010, -7.0504, -72.1780
Hunter-Lab	72.0417, -43.1563, 18.4757

# Details

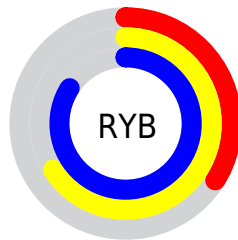
The Hex color **56D59A** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D55691**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **92FFD1**, and **009D67** is the 20% darker color. If you saturate the color by 10%, you get **41D590**, and if you desaturate by 10%, it is **6BD5A4**.

# Distribution



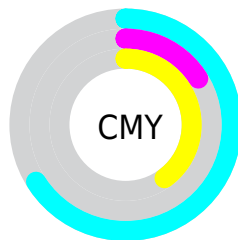
- Red (34%)
- Green (84%)
- Blue (60%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56D59A 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 56D59A by changing the saturation by 10% instead.



 56D59A

 56D59A

FFFFFF

 34B980

 92FFD1

 009D67

 AFFFED

 00834E

 CDFFFF

 006937

 EBFFFF

 004F21

 00370C

 002100

 000000

 56D59A

 56D59A

 41D590

 6BD5A4

 2BD586

 81D5AE

 16D57C

 96D5B8

 01D572

 ABD5C2

 00D572

 C1D5CB

 D6D5D5

 EBD5DF

 FFD5E9

 FFD5F3

# Harmonies

## Analogous

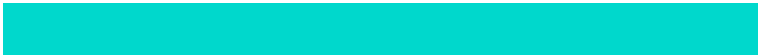
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ACD71



56D59A



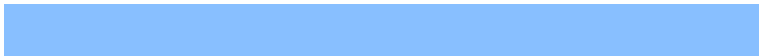
00D8CC

# Triad

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



56D59A



88BFFF



FF9F84

# Complementary

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



56D59A



D55691

# 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.



FF96B2



56D59A



D6ACFF

# Square

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



56D59A



00CFFF



FF9CE3



F8B064

# Rectangle

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



56D59A



00D7EC



FF9CE3



FF9B93

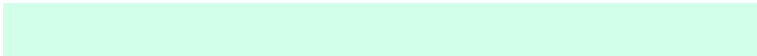


# Sweetspot

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



56D59A



D1FFEA



91D556



638072



000000



808080



# Same Dimension

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



56D59A



47FFAA



56D1D5



606B66



00AB5B



002B17



# Inverse Universe

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



D55691



FF479D



D55A56



6B6065



AB004F

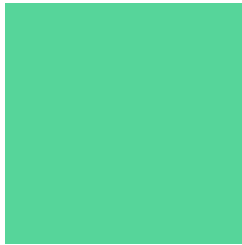


2B0014



# Previews

## White Background



This preview shows how the Hex color 56D59A 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 56D59A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

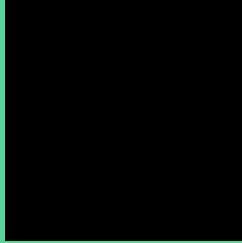
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 56D59A Background



This preview shows how black text looks on a background with the Hex color 56D59A.

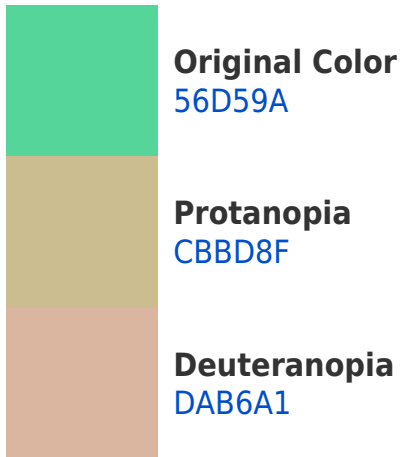


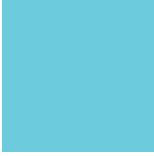
This preview shows how white text looks on a background with the Hex color 56D59A.

# 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**  
6CCCDD

# Trichromacy



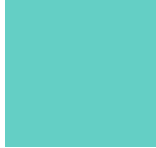
**Original Color**  
56D59A



**Protanomaly**  
A0C693



**Deuteranomaly**  
AAC19E



**Tritanomaly**  
64CFC5

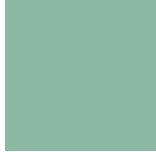
# Monochromacy



**Original Color**  
56D59A



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
8AB8A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56D59A 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 #56D59A looks like.

```
.text, #text, p{  
    color:#56D59A  
}
```

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 #56D59A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D59A
}
```

## Border

The CSS property to change the border of an element to Hex 56D59A 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
#56D59A }
```

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

```
.border{ border-color:#56D59A }
```

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

Here you see how a box with a 4 pixel #56D59A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D59A; -webkit-box-shadow:4px 4px  
4px 4px #56D59A; box-shadow:4px 4px 4px  
4px #56D59A }
```

# Background

The CSS property to change the background color of an element to Hex 56D59A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D59A }
```

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

```
.background{ background-color:#56D59A }
```

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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