

# Converting Colors

Hex(569C85)

Have a look what the booklet for  
Hex(569C85) contains.

<b>Hex(569C85)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(569C85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	569C85
RGB	86, 156, 133
RGB Percent	34%, 61%, 52%
CMY	0.6627, 0.3882, 0.4784
CMYK	0.45, 0.00, 0.15, 0.39
HSL	160°, 29%, 47%
HSV	160°, 45%, 61%
XYZ	19.9599, 27.4488, 26.4365
YIQ	132.4480, -34.3370, -21.9930

# Conversions

## Conversions Part 2

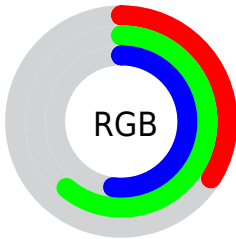
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 128, 156
Decimal	5676165
CIELab	59.39, -27.75, 5.21
CIELCh	59, 28.235, 169.370
Yxy	27.4488, 0.2703, 0.3717
Android (android.graphics.Color)	4283866245 (0xFF569C85)
YUV	132.4480, 0.2721, -40.7349
Hunter-Lab	52.3916, -23.6814, 6.7568

# Details

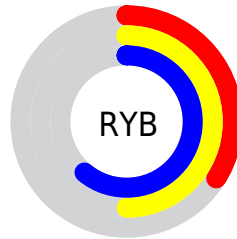
The Hex color **569C85** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C566D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8BD3BA**, and **206854** is the 20% darker color. If you saturate the color by 10%, you get **469C80**, and if you desaturate by 10%, it is **669C8A**.

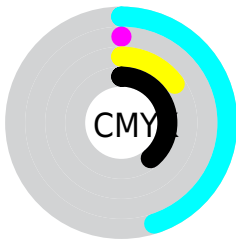
# Distribution



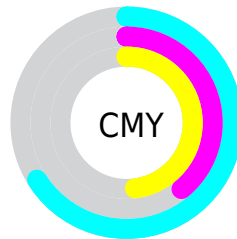
- Red (34%)
- Green (61%)
- Blue (52%)



- Red (34%)
- Yellow (50%)
- Blue (61%)



- Cyan (45%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)



- Cyan (66%)
- Magenta (39%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 569C85 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 569C85 by changing the saturation by 10% instead.



 569C85

 569C85

FFFFFF

 3C826C

 8BD3BA

 206854

 A7EFD6

 00503C

 C3FFF2

 003827

 E0FFFF

 002312

 FDFFFF

 000000

 569C85

 569C85

 469C80

 669C8A

 379C7B

 759C8F

■ 279C76

■ 859C94

■ 189C70

■ 949C9A

■ 089C6B

■ A49C9F

■ 009C69

■ B49CA4

■ C39CA9

■ D39CAE

■ E29CB3

# Harmonies

## Analogous

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



73996E



569C85



3E9C9F

# Triad

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



569C85



868CBE



BA826A

# Complementary

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



569C85



9C566D

# 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.



C07D80



569C85



A683B0

# Square

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



569C85



6094BF



BA7D99



A88A5E

# Rectangle

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



569C85



3C9BAE



BA7D99



BD8071



# Sweetspot

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



569C85



B1CCC3



6D9C56



566661



E6E6E6



666666



# Same Dimension

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



569C85



5ECCA8



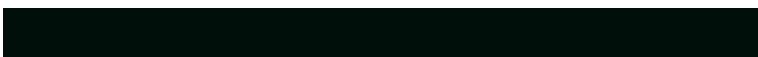
56909C



474F4C



008F60



000F0A



# Inverse Universe

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



9C566D



CC5E82



9C6256



4F474A



8F002F

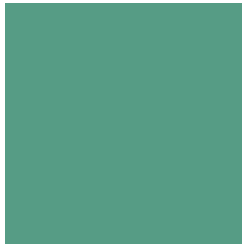


0F0005



# Previews

## White Background



This preview shows how the Hex color 569C85 looks on a white background.

## Color Contrast Check

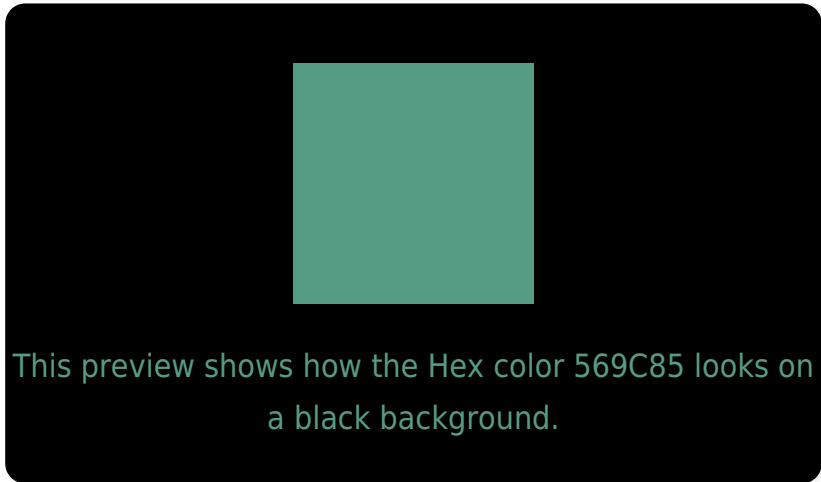
Large Text (above 18pt) WCAG AA ✓ Pass

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

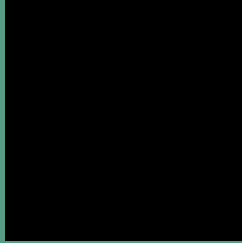
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 569C85 Background



This preview shows how black text looks on a background with the Hex color 569C85.

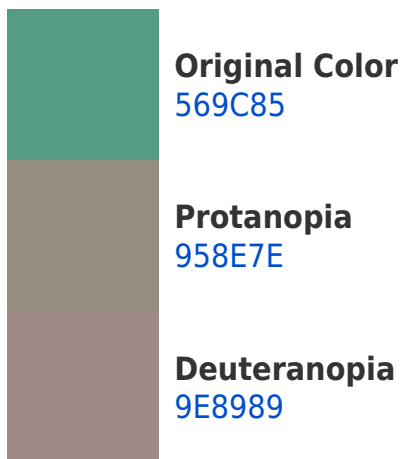


This preview shows how white text looks on a background with the Hex color 569C85.

# 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**  
5E98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 569C85 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 #569C85 looks like.

```
.text, #text, p{  
    color:#569C85  
}
```

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 #569C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #569C85
}
```

## Border

The CSS property to change the border of an element to Hex 569C85 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
#569C85 }
```

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

```
.border{ border-color:#569C85 }
```

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

Here you see how a box with a 4 pixel #569C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #569C85; -webkit-box-shadow:4px 4px  
4px 4px #569C85; box-shadow:4px 4px 4px  
4px #569C85 }
```

# Background

The CSS property to change the background color of an element to Hex 569C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#569C85 }
```

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

```
.background{ background-color:#569C85 }
```

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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