

# Converting Colors

Hex(569D95)

Have a look what the booklet for  
Hex(569D95) contains.

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# Color

Hex(569D95)

# Conversions

## Conversions Part 1

Format	Color
Hex	569D95
RGB	86, 157, 149
RGB Percent	34%, 62%, 58%
CMY	0.6627, 0.3843, 0.4157
CMYK	0.45, 0.00, 0.05, 0.38
HSL	173°, 29%, 48%
HSV	173°, 45%, 62%
XYZ	21.3195, 28.2623, 32.7653
YIQ	134.8590, -39.7480, -17.5400

# Conversions

## Conversions Part 2

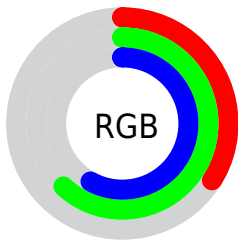
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 124, 157
Decimal	5676437
CIELab	60.12, -24.33, -2.77
CIELCh	60, 24.486, 186.504
Yxy	28.2623, 0.2589, 0.3432
Android (android.graphics.Color)	4283866517 (0xFF569D95)
YUV	134.8590, 6.9715, -42.8493
Hunter-Lab	53.1623, -21.4506, 0.6717

# Details

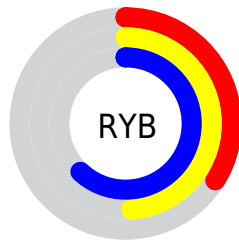
The Hex color **569D95** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D565E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8CD4CB**, and **1E6962** is the 20% darker color. If you saturate the color by 10%, you get **469D93**, and if you desaturate by 10%, it is **669D97**.

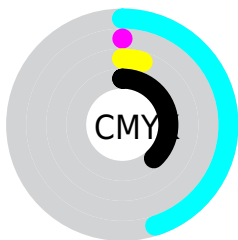
# Distribution



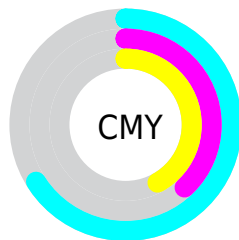
- Red (34%)
- Green (62%)
- Blue (58%)



- Red (34%)
- Yellow (49%)
- Blue (62%)



- Cyan (45%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)



- Cyan (66%)
- Magenta (38%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 569D95 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 569D95 by changing the saturation by 10% instead.





569D95



569D95

FFFFFF



3B837B



8CD4CB



1E6962



A8F0E7



00514B



C4FFFF



003934



E1FFFF



00241F

FEFFFF



000107



000000



569D95



569D95



469D93



669D97

 379D91

 759D99

 279D90

 859D9A

 179D8E

 959D9C

 079D8C

 A59D9E

 009D8B

 B49DA0

 C49DA1

 D49DA3

 E39DA5

# Harmonies

## Analogous

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



6B9B7F



569D95



4F9CAA

# Triad

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



569D95



9A8AB4



AF8A6A

# Complementary

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



569D95



9D565E

# 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.



BB8478



569D95



B183A3

# Square

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



569D95



7C91BB



BC818D



9C9166

# Rectangle

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



569D95



5799B4



BC818D



B4876E



# Sweetspot

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



569D95



AFCCC9



5E9D56



556664



E6E6E6



666666



# Same Dimension

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



569D95



5ECCC0



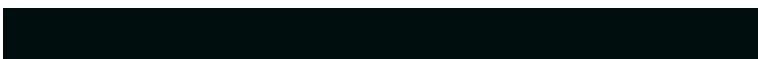
56829D



474F4E



008F7F



000F0E



# Inverse Universe

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



9D565E



CC5E6A



9D7156



4F4748



8F0010

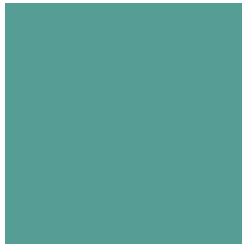


0F0002



# Previews

## White Background



This preview shows how the Hex color 569D95 looks on a white background.

## Color Contrast Check

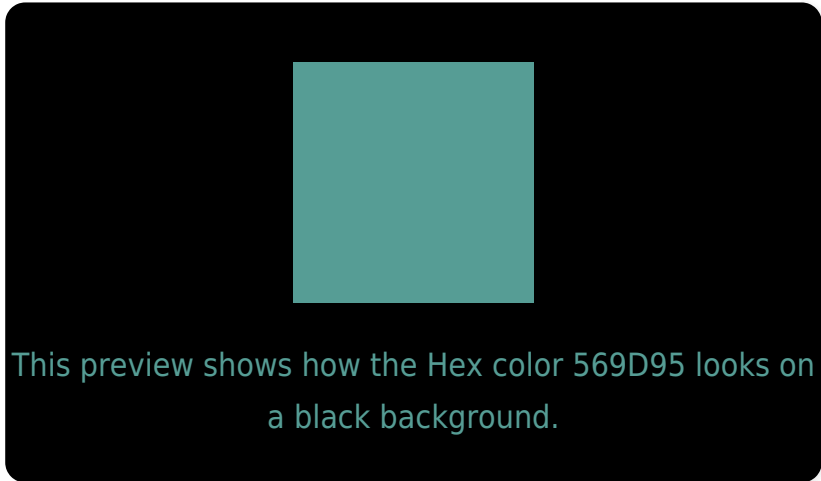
Large Text (above 18pt) WCAG AA ✓ Pass

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

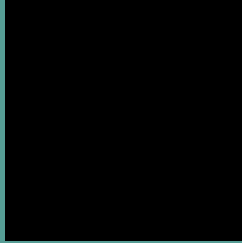
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 569D95 Background



This preview shows how black text looks on a background with the Hex color 569D95.

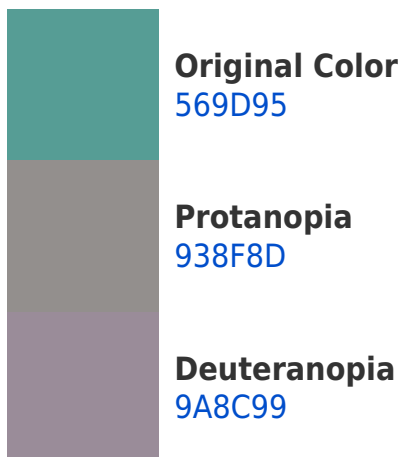


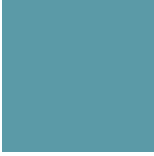
This preview shows how white text looks on a background with the Hex color 569D95.

# 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**  
5B9AA7

# Trichromacy



**Original Color**  
569D95

**Protanomaly**  
7D9490

**Deuteranomaly**  
819298

**Tritanomaly**  
599BA0

# Monochromacy



**Original Color**  
569D95

**Achromatopsia**  
878787

**Achromatomaly**  
758F8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 569D95 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 #569D95 looks like.

```
.text, #text, p{  
    color:#569D95  
}
```

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 #569D95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #569D95
}
```

## Border

The CSS property to change the border of an element to Hex 569D95 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
#569D95 }
```

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

```
.border{ border-color:#569D95 }
```

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

Here you see how a box with a 4 pixel #569D95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #569D95; -webkit-box-shadow:4px 4px  
4px 4px #569D95; box-shadow:4px 4px 4px  
4px #569D95 }
```

# Background

The CSS property to change the background color of an element to Hex 569D95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#569D95 }
```

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

```
.background{ background-color:#569D95 }
```

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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