

Converting Colors

Hex(569B76)

Have a look what the booklet for
Hex(569B76) contains.

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Color

Hex(569B76)

Conversions

Conversions Part 1

Format	Color
Hex	569B76
RGB	86, 155, 118
RGB Percent	34%, 61%, 46%
CMY	0.6627, 0.3922, 0.5373
CMYK	0.45, 0.00, 0.24, 0.39
HSL	148°, 29%, 47%
HSV	148°, 45%, 61%
XYZ	18.8291, 26.7291, 21.3064
YIQ	130.1510, -29.2470, -26.1350

Conversions

Conversions Part 2

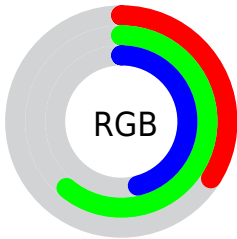
Format	Color
RYB	86, 133, 155
Decimal	5675894
CIELab	58.72, -30.61, 12.72
CIELCh	59, 33.144, 157.433
Yxy	26.7291, 0.2816, 0.3997
Android (android.graphics.Color)	4283865974 (0xFF569B76)
YUV	130.1510, -5.9904, -38.7204
Hunter-Lab	51.7002, -25.4661, 11.7559

Details

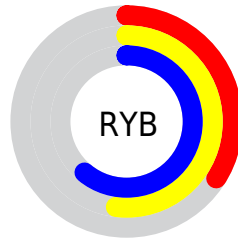
The Hex color **569B76** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B567B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8BD2AA**, and **206746** is the 20% darker color. If you saturate the color by 10%, you get **479B6E**, and if you desaturate by 10%, it is **669B7E**.

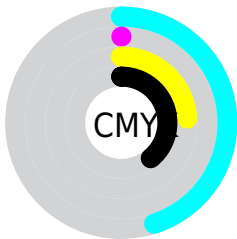
Distribution



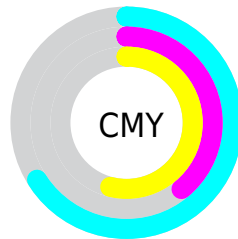
- Red (34%)
- Green (61%)
- Blue (46%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (39%)



- Cyan (66%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 569B76 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 569B76 by changing the saturation by 10% instead.



569B76



569B76

FFFFFF



3C815D



8BD2AA



206746



A7EEC6



004F2F



C2FFE2



00371A



DFFFFE



002300



FCFFFF



000000



569B76



569B76



479B6E



669B7E



379B65



759B87

 289B5D

 859B8F

 189B55

 949B97

 099B4C

 A49BA0

 009B48

 B39BA8

 C39BB0

 D29BB8

 E29BC1

Harmonies

Analogous

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



7A965E



569B76



2C9D94

Triad

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



569B76



6F8EC7



C37B6B

Complementary

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



569B76



9B567B

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.



C57787



569B76



9A83BB

Square

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



569B76



3B96C2



B87AA4



B38458

Rectangle

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



569B76



0C9CA7



B87AA4



C57974

Sweetspot

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



569B76



AFC9BB



7C9B56



56665D



E6E6E6



666666

Same Dimension

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



569B76



5FC990



569B98



454D48



008C41



000D06

Inverse Universe

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



9B567B



C95F98



9B5659



4D4549



8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 569B76 looks on a white background.

Color Contrast Check

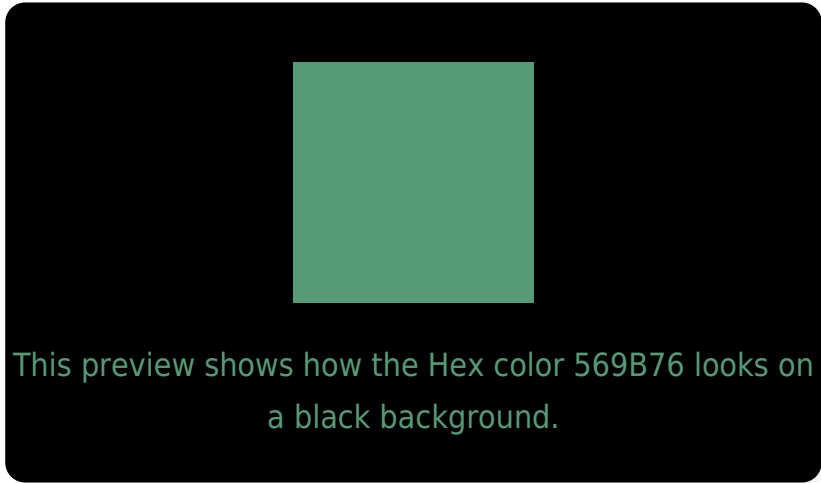
Large Text (above 18pt) WCAG AA ✓ Pass

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

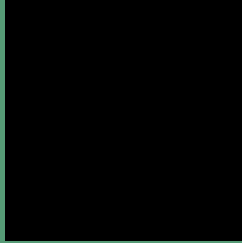
Any Text WCAG AA ✓ Pass

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 569B76 Background



This preview shows how black text looks on a background with the Hex color 569B76.



This preview shows how white text looks on a background with the Hex color 569B76.

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](#).

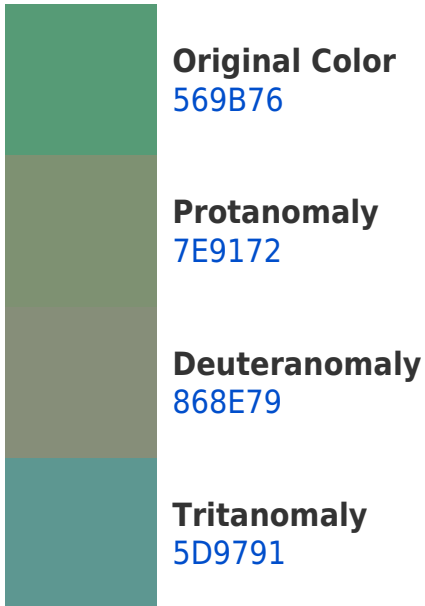
Dichromacy





Tritanopia
6195A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 569B76 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 #569B76 looks like.

```
.text, #text, p{  
    color:#569B76  
}
```

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 #569B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #569B76
}
```

Border

The CSS property to change the border of an element to Hex 569B76 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
#569B76 }
```

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

```
.border{ border-color:#569B76 }
```

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

Here you see how a box with a 4 pixel #569B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #569B76; -webkit-box-shadow:4px 4px  
4px 4px #569B76; box-shadow:4px 4px 4px  
4px #569B76 }
```

Background

The CSS property to change the background color of an element to Hex 569B76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#569B76 }
```

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

```
.background{ background-color:#569B76 }
```

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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