

Converting Colors

Hex(568B69)

Have a look what the booklet for
Hex(568B69) contains.

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Color

Hex(568B69)

Conversions

Conversions Part 1

Format	Color
Hex	568B69
RGB	86, 139, 105
RGB Percent	34%, 55%, 41%
CMY	0.6627, 0.4549, 0.5882
CMYK	0.38, 0.00, 0.24, 0.45
HSL	142°, 24%, 44%
HSV	142°, 38%, 55%
XYZ	15.6202, 21.4636, 16.6842
YIQ	119.2770, -20.6740, -21.8100

Conversions

Conversions Part 2

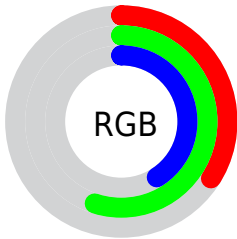
Format	Color
RYB	86, 125, 139
Decimal	5671785
CIELab	53.45, -25.49, 12.72
CIELCh	53, 28.491, 153.476
Yxy	21.4636, 0.2905, 0.3992
Android (android.graphics.Color)	4283861865 (0xFF568B69)
YUV	119.2770, -7.0386, -29.1839
Hunter-Lab	46.3288, -20.8926, 11.0783

Details

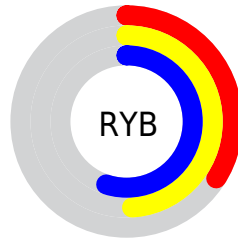
The Hex color **568B69** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B5678**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8AC19C**, and **24593A** is the 20% darker color. If you saturate the color by 10%, you get **488B60**, and if you desaturate by 10%, it is **648B72**.

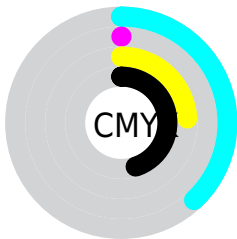
Distribution



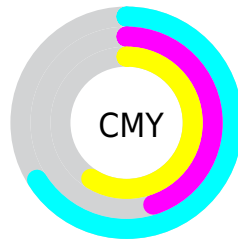
- Red (34%)
- Green (55%)
- Blue (41%)



- Red (34%)
- Yellow (49%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (66%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 568B69 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 568B69 by changing the saturation by 10% instead.

■ 568B69

■ 568B69

FFFFFF

■ 3D7151

■ 8AC19C

■ 24593A

■ A5DDB7

■ 084124

■ C0FAD3

■ 002A0F

■ DDFFEF

■ 001400

■ F9FFFF

■ 000000

■ 568B69

■ 568B69

■ 488B60

■ 648B72

■ 3A8B57

■ 728B7B

 2C8B4E

 808B84

 1E8B45

 8E8B8D

 118B3C

 9C8B96

 038B33

 A98B9F

 008B32

 B78BA7

 C58BB0

 D38BB9

Harmonies

Analogous

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



738656



568B69



378D82

Triad

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



568B69



6281B0



AE6F66

Complementary

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



568B69



8B5678

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.



AF6D7E



568B69



8678A9

Square

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



568B69



3A88AB



A17096



A27754

Rectangle

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



568B69



268D92



A17096



B06E6D

Sweetspot

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



568B69



A1B5A8



788B56



505C54



DBDBDB



5C5C5C

Same Dimension

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



568B69



62B580



568B83



3E4540



008530



000502

Inverse Universe

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



8B5678



B56297



8B565E



453E42



850055



050003

Previews

White Background



This preview shows how the Hex color 568B69 looks on a white background.

Color Contrast Check

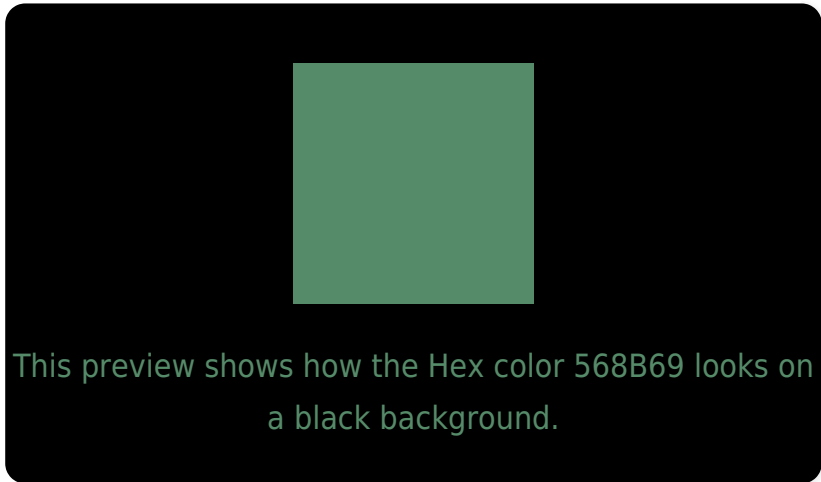
Large Text (above 18pt) WCAG AA ✓ Pass

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

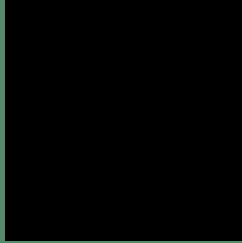
Any Text WCAG AA ✓ Pass

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 568B69 Background



This preview shows how black text looks on a background with the Hex color 568B69.

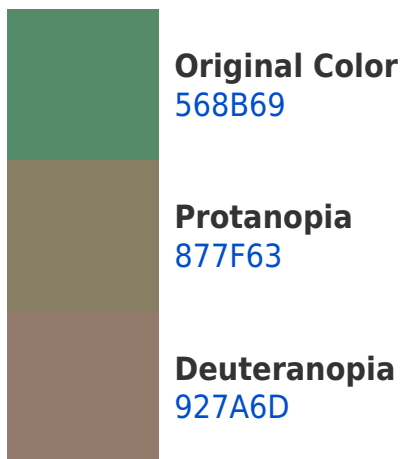


This preview shows how white text looks on a background with the Hex color 568B69.

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
5F8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 568B69 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 #568B69 looks like.

```
.text, #text, p{  
    color:#568B69  
}
```

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 #568B69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568B69
}
```

Border

The CSS property to change the border of an element to Hex 568B69 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
#568B69 }
```

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

```
.border{ border-color:#568B69 }
```

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

Here you see how a box with a 4 pixel #568B69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568B69; -webkit-box-shadow:4px 4px  
4px 4px #568B69; box-shadow:4px 4px 4px  
4px #568B69 }
```

Background

The CSS property to change the background color of an element to Hex 568B69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568B69 }
```

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

```
.background{ background-color:#568B69 }
```

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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