

Converting Colors

Hex(568A8A)

Have a look what the booklet for
Hex(568A8A) contains.

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Color

Hex(568A8A)

Conversions

Conversions Part 1

Format	Color
Hex	568A8A
RGB	86, 138, 138
RGB Percent	34%, 54%, 54%
CMY	0.6627, 0.4588, 0.4588
CMYK	0.38, 0.00, 0.00, 0.46
HSL	180°, 23%, 44%
HSV	180°, 38%, 54%
XYZ	17.5137, 21.9904, 27.3663
YIQ	122.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

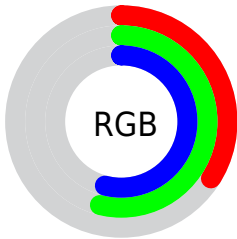
Format	Color
R_{YB}	86, 112, 138
Decimal	5671562
CIE _{Lab}	54.02, -17.27, -5.50
CIE _{LCh}	54, 18.128, 197.654
Y _{xy}	21.9904, 0.2619, 0.3289
Android (android.graphics.Color)	4283861642 (0xFF568A8A)
YUV	122.4520, 7.6652, -31.9684
Hunter-Lab	46.8939, -15.3991, -1.7746

Details

The Hex color **568A8A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A5656**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8AC0BF**, and **235858** is the 20% darker color. If you saturate the color by 10%, you get **488A8A**, and if you desaturate by 10%, it is **648A8A**.

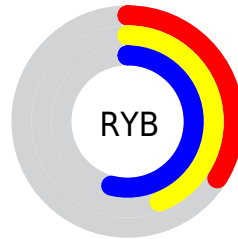
Distribution



Red (34%)

Green (54%)

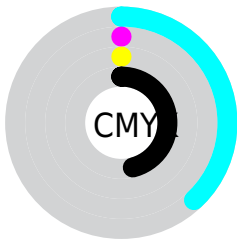
Blue (54%)



Red (34%)

Yellow (44%)

Blue (54%)

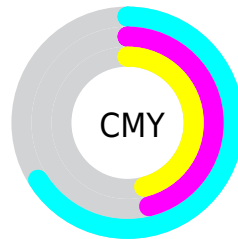


Cyan (38%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (66%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 568A8A 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 568A8A by changing the saturation by 10% instead.



568A8A



568A8A

FFFFFF



3D7071



8AC0BF



235858



A5DCDB



034041



C1F8F8



002A2B



DEFFFF



001716



FBFFFF



000000



568A8A



568A8A



488A8A



648A8A



3A8A8A



728A8A

■ 2D8A8A

■ 7F8A8A

■ 1F8A8A

■ 8D8A8A

■ 118A8A

■ 9B8A8A

■ 038A8A

■ A98A8A

■ 008A8A

■ B78A8A

■ C48A8A

■ D28A8A

Harmonies

Analogous

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



618A7A



568A8A



588898

Triad

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



568A8A



8F7A96



937E63

Complementary

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



568A8A



8A5656

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.



9E796B



568A8A



9C7788

Square

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



568A8A



7B7F9F



A17678



838363

Rectangle

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



568A8A



60869E



A17678



977C65

Sweetspot

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



568A8A



9FB3B3



568A56



4E5959



D9D9D9



595959

Same Dimension

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



568A8A



62B3B3



56708A



3E4545



008585



000505

Inverse Universe

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



8A568A



B362B3



8A7056



453E45



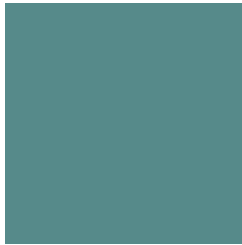
850085



050005

Previews

White Background



This preview shows how the Hex color 568A8A looks on a white background.

Color Contrast Check

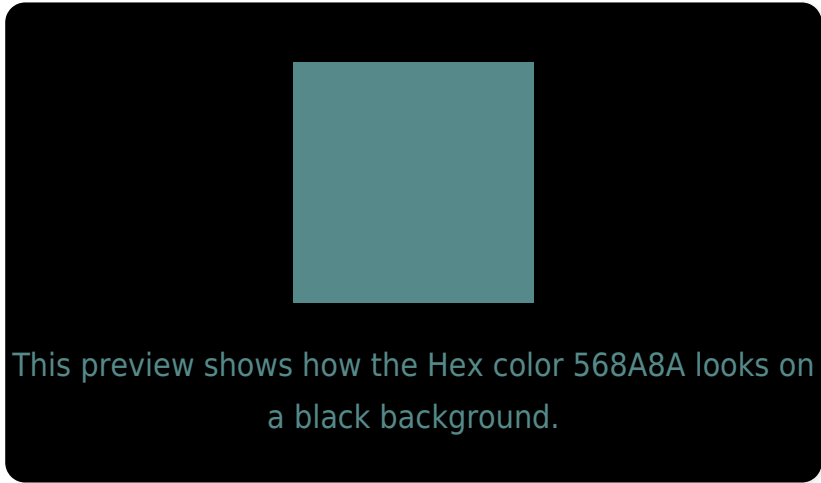
Large Text (above 18pt) WCAG AA ✓ Pass

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

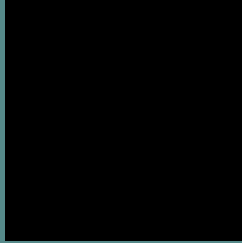
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

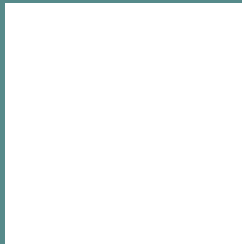
Any Text WCAG AAA × Fail

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

Hex 568A8A Background



This preview shows how black text looks on a background with the Hex color 568A8A.

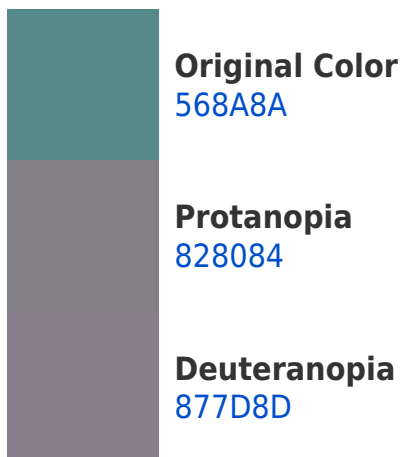


This preview shows how white text looks on a background with the Hex color 568A8A.

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](#).

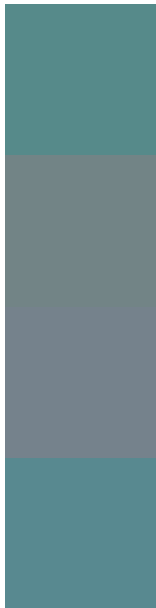
Dichromacy





Tritanopia
598994

Trichromacy



Original Color
568A8A

Protanomaly
728486

Deuteranomaly
75828C

Tritanomaly
588990

Monochromacy



Original Color
568A8A

Achromatopsia
7A7A7A

Achromatomaly
6D8080

CSS Examples

Text

The CSS property to change the color of the text to Hex 568A8A 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 #568A8A looks like.

```
.text, #text, p{  
    color:#568A8A  
}
```

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 #568A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568A8A
}
```

Border

The CSS property to change the border of an element to Hex 568A8A 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
#568A8A }
```

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

```
.border{ border-color:#568A8A }
```

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

Here you see how a box with a 4 pixel #568A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568A8A; -webkit-box-shadow:4px 4px  
4px 4px #568A8A; box-shadow:4px 4px 4px  
4px #568A8A }
```

Background

The CSS property to change the background color of an element to Hex 568A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568A8A }
```

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

```
.background{ background-color:#568A8A }
```

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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