

# Converting Colors

Hex(5A8689)

Have a look what the booklet for  
Hex(5A8689) contains.

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# Color

**Hex(5A8689)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A8689
RGB	90, 134, 137
RGB Percent	35%, 53%, 54%
CMY	0.6471, 0.4745, 0.4627
CMYK	0.34, 0.02, 0.00, 0.46
HSL	184°, 21%, 45%
HSV	184°, 34%, 54%
XYZ	17.2569, 21.0300, 26.8166
YIQ	121.1860, -27.1870, -8.3950

# Conversions

## Conversions Part 2

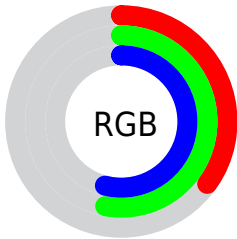
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 113, 137
Decimal	5932681
CIELab	52.98, -14.21, -6.43
CIELCh	53, 15.600, 204.344
Yxy	21.0300, 0.2651, 0.3230
Android (android.graphics.Color)	4284122761 (0xFF5A8689)
YUV	121.1860, 7.7963, -27.3501
Hunter-Lab	45.8585, -13.0814, -2.5700

# Details

The Hex color **5A8689** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **895D5A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8EBBBE**, and **285457** is the 20% darker color. If you saturate the color by 10%, you get **4C8589**, and if you desaturate by 10%, it is **688789**.

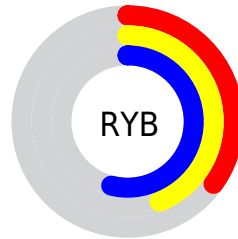
# Distribution



Red (35%)

Green (53%)

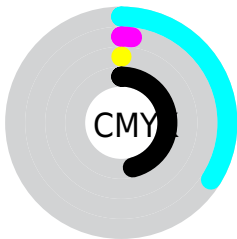
Blue (54%)



Red (35%)

Yellow (44%)

Blue (54%)

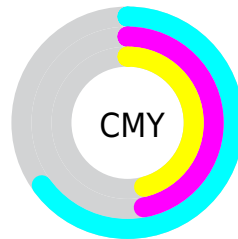


Cyan (34%)

Magenta (2%)

Yellow (0%)

Black (46%)



Cyan (65%)

Magenta (47%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A8689 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 5A8689 by changing the saturation by 10% instead.



■ 5A8689

■ 5A8689

FFFFFF

■ 416D70

■ 8EBBBE

■ 285457

■ A9D7DA

■ 0E3D40

■ C5F4F7

■ 00272A

■ E1FFFF

■ 001316

FEFFFF

■ 000000

■ 5A8689

■ 5A8689

■ 4C8589

■ 688789

■ 3F8489

■ 758889

■ 318389

■ 838989

■ 238389

■ 918989

■ 168289

■ 9F8A89

■ 088189

■ AC8B89

■ 008089

■ BA8C89

■ C88D89

■ D58E89

# Harmonies

## Analogous

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



61867B



5A8689



5E8494

# Triad

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



5A8689



8E788E



8B7D64

# Complementary

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



5A8689



895D5A

# 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.



967869



5A8689



987582

# Square

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



5A8689



7E7C97



9A7674



7D8166

# Rectangle

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



5A8689



668298



9A7674



8F7B65



# Sweetspot

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



5A8689



A1B1B3



5A895C



4F5959



D9D9D9



595959



# Same Dimension

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



5A8689



69AEB3



5A6F89



3E4445



007C85



000505



# Inverse Universe

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



895A86



B369AE



89745A



453E44



85007C

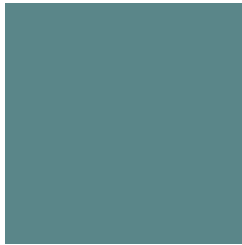


050005



# Previews

## White Background



This preview shows how the Hex color 5A8689 looks on a white background.

## Color Contrast Check

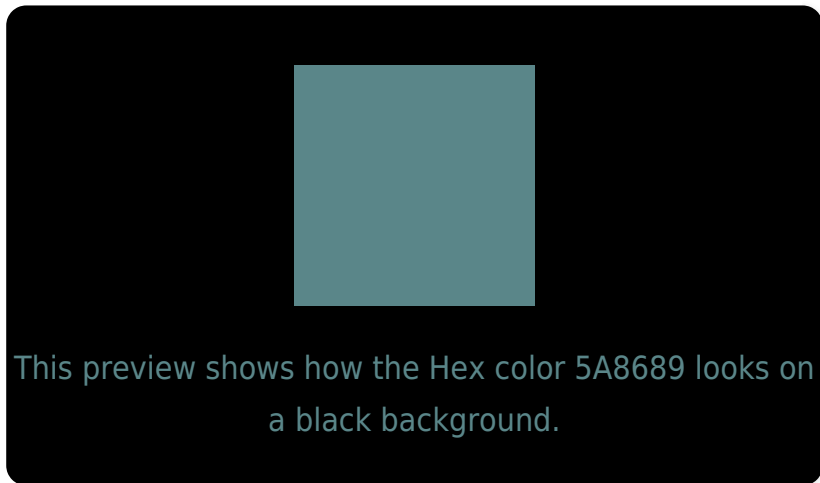
Large Text (above 18pt) WCAG AA ✓ Pass

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

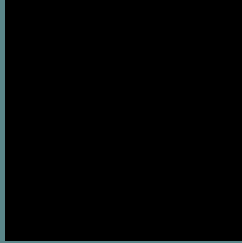
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5A8689 Background



This preview shows how black text looks on a background with the Hex color 5A8689.

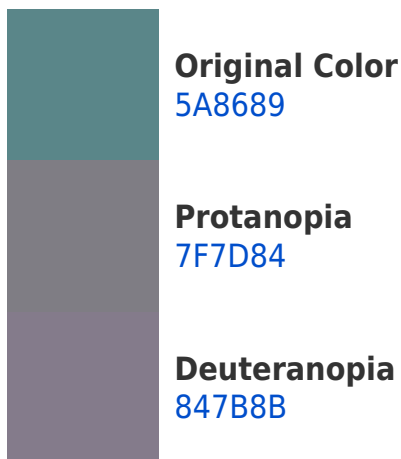



This preview shows how white text looks on a background with the Hex color 5A8689.

# 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](#).

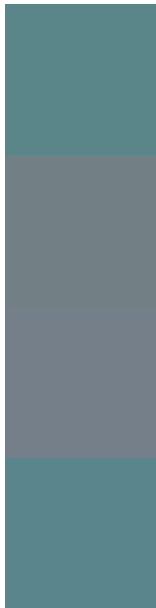
## Dichromacy





**Tritanopia**  
5C8590

# Trichromacy



**Original Color**  
5A8689

**Protanomaly**  
728086

**Deuteranomaly**  
757F8A

**Tritanomaly**  
5B858D

# Monochromacy



**Original Color**  
5A8689

**Achromatopsia**  
797979

**Achromatomaly**  
6E7E7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A8689 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 #5A8689 looks like.

```
.text, #text, p{  
    color:#5A8689  
}
```

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 #5A8689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8689
}
```

## Border

The CSS property to change the border of an element to Hex 5A8689 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
#5A8689 }
```

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

```
.border{ border-color:#5A8689 }
```

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

Here you see how a box with a 4 pixel #5A8689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8689; -webkit-box-shadow:4px 4px  
4px 4px #5A8689; box-shadow:4px 4px 4px  
4px #5A8689 }
```

# Background

The CSS property to change the background color of an element to Hex 5A8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8689 }
```

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

```
.background{ background-color:#5A8689 }
```

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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