

Converting Colors

Hex(58689F)

Have a look what the booklet for
Hex(58689F) contains.

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Color

Hex(58689F)

Conversions

Conversions Part 1

Format	Color
Hex	58689F
RGB	88, 104, 159
RGB Percent	35%, 41%, 62%
CMY	0.6549, 0.5922, 0.3765
CMYK	0.45, 0.35, 0.00, 0.38
HSL	226°, 29%, 48%
HSV	226°, 45%, 62%
XYZ	15.2328, 14.4785, 34.7927
YIQ	105.4860, -27.1910, 13.7130

Conversions

Conversions Part 2

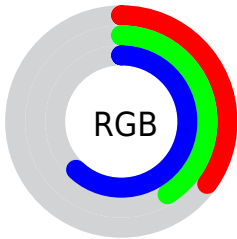
Format	Color
R_{YB}	88, 101, 159
Decimal	5793951
CIE _{Lab}	44.91, 9.04, -31.71
CIE _{LCh}	45, 32.977, 285.915
Yxy	14.4785, 0.2362, 0.2245
Android (android.graphics.Color)	4283984031 (0xFF58689F)
YUV	105.4860, 26.3824, -15.3352
Hunter-Lab	38.0507, 4.8702, -27.5779

Details

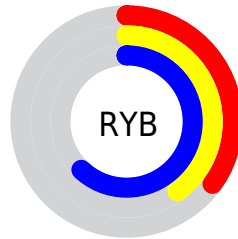
The Hex color **58689F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F8F58**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8D9BD6**, and **23396B** is the 20% darker color. If you saturate the color by 10%, you get **485C9F**, and if you desaturate by 10%, it is **68749F**.

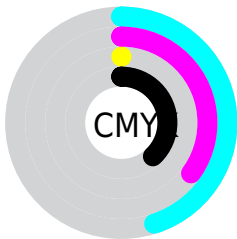
Distribution



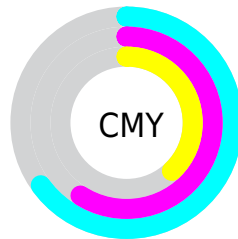
- Red (35%)
- Green (41%)
- Blue (62%)



- Red (35%)
- Yellow (40%)
- Blue (62%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (65%)
- Magenta (59%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58689F 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 58689F by changing the saturation by 10% instead.



58689F



58689F

FFFFFF



3E5085



8D9BD6



23396B



A8B6F2



012453



C4D1FF



000F3B



E1EDFF



000225

FEFFFF



00010E



000000



58689F



58689F



485C9F



68749F

■ 384F9F

■ 78819F

■ 28439F

■ 888D9F

■ 18379F

■ 98999F

■ 082A9F

■ A8A69F

■ 00249F

■ B7B29F

■ C7BE9F

■ D7CB9F

■ E7D79F

Harmonies

Analogous

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



18719F



58689F



7F5D91

Triad

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



58689F



985A44



24785C

Complementary

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



58689F



9F8F58

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.



4E7443



58689F



866434

Square

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



58689F



9F545D



6D6D34



007878

Rectangle

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



58689F



915781



6D6D34



347753

Sweetspot

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



58689F



B4BACF



589F8E



585C69



E8E8E8



696969

Same Dimension

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



58689F



5F78CF



6B589F



47494F



00208F



00030F

Inverse Universe

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



9F5868



CF5F78



8C9F58



4F4749



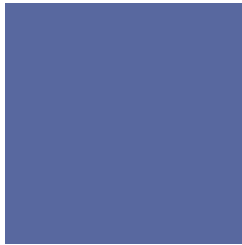
8F0020



0F0003

Previews

White Background



This preview shows how the Hex color 58689F looks on a white background.

Color Contrast Check

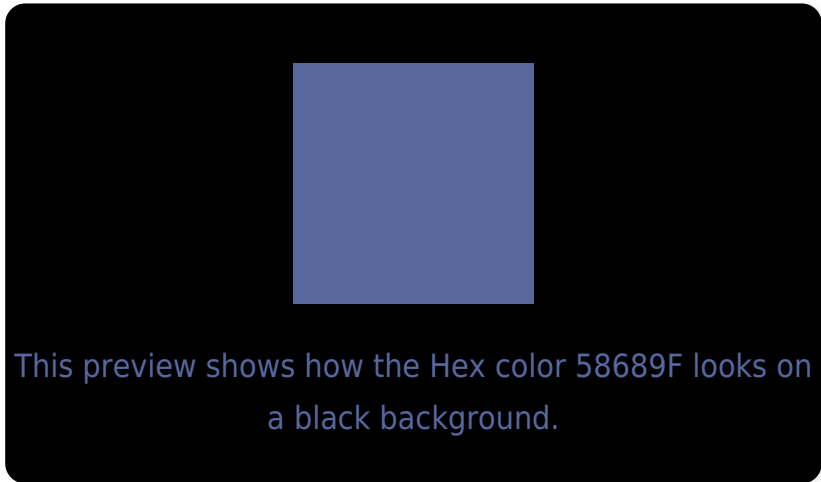
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

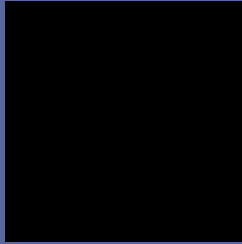
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 58689F Background



This preview shows how black text looks on a background with the Hex color 58689F.

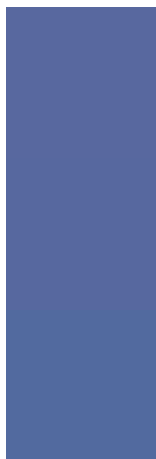


This preview shows how white text looks on a background with the Hex color 58689F.

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



Original Color
58689F

Protanopia
57689F

Deuteranopia
526A9F



Tritanopia
4D7079

Trichromacy



Original Color
58689F

Protanomaly
57689F

Deuteranomaly
54699F

Tritanomaly
516D87

Monochromacy



Original Color
58689F

Achromatopsia
696969

Achromatomaly
63697D

CSS Examples

Text

The CSS property to change the color of the text to Hex 58689F 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 #58689F looks like.

```
.text, #text, p{  
    color:#58689F  
}
```

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 #58689F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58689F
}
```

Border

The CSS property to change the border of an element to Hex 58689F 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
#58689F }
```

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

```
.border{ border-color:#58689F }
```

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

Here you see how a box with a 4 pixel #58689F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58689F; -webkit-box-shadow:4px 4px  
4px 4px #58689F; box-shadow:4px 4px 4px  
4px #58689F }
```

Background

The CSS property to change the background color of an element to Hex 58689F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58689F }
```

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

```
.background{ background-color:#58689F }
```

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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