

Converting Colors

Hex(8689C4)

Have a look what the booklet for
Hex(8689C4) contains.

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Color

Hex(8689C4)

Conversions

Conversions Part 1

Format	Color
Hex	8689C4
RGB	134, 137, 196
RGB Percent	53%, 54%, 77%
CMY	0.4745, 0.4627, 0.2314
CMYK	0.32, 0.30, 0.00, 0.23
HSL	237°, 34%, 65%
HSV	237°, 32%, 77%
XYZ	28.7410, 26.9452, 55.9107
YIQ	142.8290, -20.7270, 17.7130

Conversions

Conversions Part 2

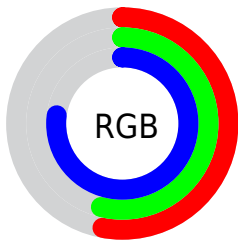
Format	Color
RYB	134, 137, 196
Decimal	8817092
CIELab	58.92, 12.66, -30.98
CIELCh	59, 33.462, 292.222
Yxy	26.9452, 0.2575, 0.2415
Android (android.graphics.Color)	4287007172 (0xFF8689C4)
YUV	142.8290, 26.2133, -7.7430
Hunter-Lab	51.9087, 7.9921, -27.5249

Details

The Hex color **8689C4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4C186**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BDBEFD**, and **52578E** is the 20% darker color. If you saturate the color by 10%, you get **7276C4**, and if you desaturate by 10%, it is **9A9CC4**.

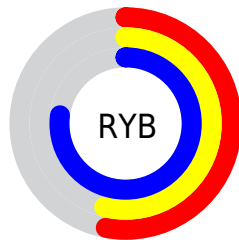
Distribution



Red (53%)

Green (54%)

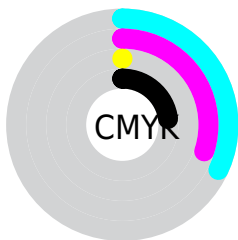
Blue (77%)



Red (53%)

Yellow (54%)

Blue (77%)

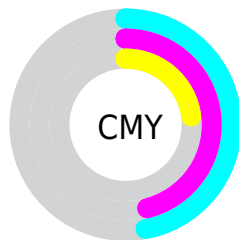


Cyan (32%)

Magenta (30%)

Yellow (0%)

Black (23%)



Cyan (47%)

Magenta (46%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8689C4 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 8689C4 by changing the saturation by 10% instead.



8689C4



8689C4

FFFFFF



6C70A9



BDBEFD



52578E



D9DAFF



394074



F6F7FF



1F2A5B



001643



00002D



000117



000000



8689C4



8689C4

7276C4

9A9CC4

5F64C4

ADAEC4

4B51C4

C1C1C4

383EC4

D4D4C4

242CC4

E8E6C4

1019C4

FCF9C4

0009C4

FFFFC4

Harmonies

Analogous

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



5593C7



8689C4



AB7EB2

Triad

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



8689C4



BD7F60



429D85

Complementary

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



8689C4



C4C186

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.



699969



8689C4



A88953

Square

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



8689C4



C77879



8B9356



119DA3

Rectangle

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



8689C4



BC79A0



8B9356



509C7B

Sweetspot

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



8689C4



E8E9FF



86C4C1



717280



000000



808080

Same Dimension

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



8689C4



9EA3FF



A286C4



575861



0008A1



000221

Inverse Universe

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



C48689



FF9EA3



A8C486



615758



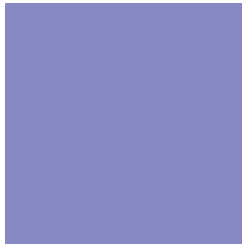
A10008



210002

Previews

White Background



This preview shows how the Hex color 8689C4 looks on a white background.

Color Contrast Check

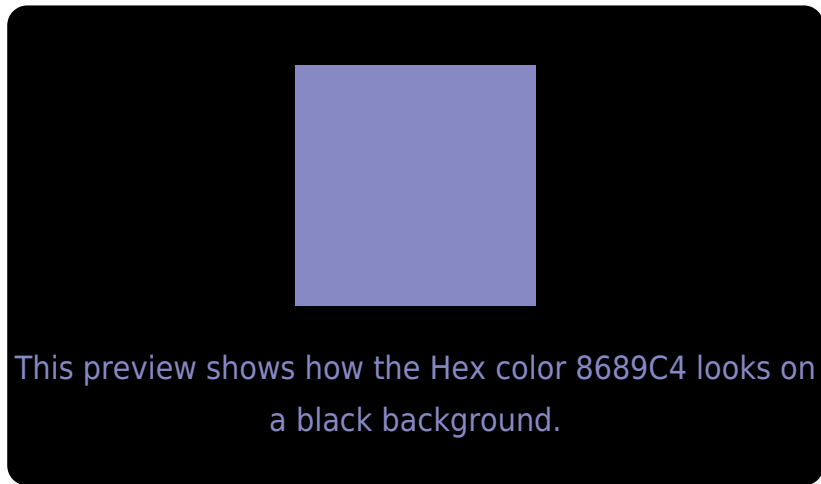
Large Text (above 18pt) WCAG AA ✓ Pass

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

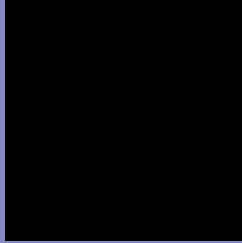
Any Text WCAG AA ✓ Pass

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 8689C4 Background



This preview shows how black text looks on a background with the Hex color 8689C4.



This preview shows how white text looks on a background with the Hex color 8689C4.

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](#).

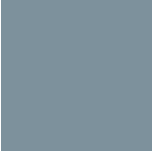
Dichromacy



Original Color
8689C4

Protanopia
7C8CC6

Deuteranopia
7C8CC3



Tritanopia
7D919C

Trichromacy



Original Color
8689C4

Protanomaly
808BC5

Deuteranomaly
808BC3

Tritanomaly
808EAB

Monochromacy



Original Color
8689C4

Achromatopsia
8F8F8F

Achromatomaly
8C8DA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 8689C4 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 #8689C4 looks like.

```
.text, #text, p{  
    color:#8689C4  
}
```

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 #8689C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8689C4
}
```

Border

The CSS property to change the border of an element to Hex 8689C4 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
#8689C4 }
```

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

```
.border{ border-color:#8689C4 }
```

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

Here you see how a box with a 4 pixel #8689C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8689C4; -webkit-box-shadow:4px 4px  
4px 4px #8689C4; box-shadow:4px 4px 4px  
4px #8689C4 }
```

Background

The CSS property to change the background color of an element to Hex 8689C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8689C4 }
```

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

```
.background{ background-color:#8689C4 }
```

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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