

Converting Colors

Hex(6F8EB9)

Have a look what the booklet for
Hex(6F8EB9) contains.

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Color

Hex(6F8EB9)

Conversions

Conversions Part 1

Format	Color
Hex	6F8EB9
RGB	111, 142, 185
RGB Percent	44%, 56%, 73%
CMY	0.5647, 0.4431, 0.2745
CMYK	0.40, 0.23, 0.00, 0.27
HSL	215°, 35%, 58%
HSV	215°, 40%, 73%
XYZ	24.9855, 26.2283, 49.6446
YIQ	137.6330, -32.2790, 6.8010

Conversions

Conversions Part 2

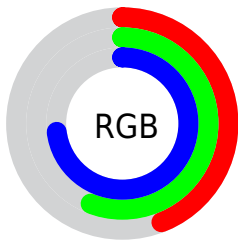
Format	Color
R_YB	111, 133, 185
Decimal	7311033
CIE _{Lab}	58.25, 0.24, -25.91
CIE _{LCh}	58, 25.912, 270.532
Yxy	26.2283, 0.2477, 0.2601
Android (android.graphics.Color)	4285501113 (0xFF6F8EB9)
YUV	137.6330, 23.3519, -23.3571
Hunter-Lab	51.2136, -2.5392, -21.6241

Details

The Hex color **6F8EB9** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B99A6F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A5C4F1**, and **3B5C84** is the 20% darker color. If you saturate the color by 10%, you get **5D83B9**, and if you desaturate by 10%, it is **8299B9**.

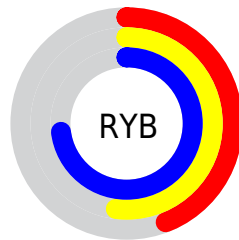
Distribution



Red (44%)

Green (56%)

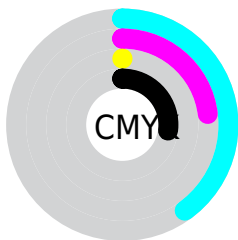
Blue (73%)



Red (44%)

Yellow (52%)

Blue (73%)

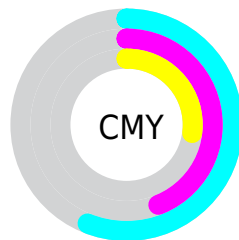


Cyan (40%)

Magenta (23%)

Yellow (0%)

Black (27%)



Cyan (56%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F8EB9 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 6F8EB9 by changing the saturation by 10% instead.



6F8EB9



6F8EB9

FFFFFF



55759E



A5C4F1



3B5C84



C1DFFF



1F456A



DEFCFF



002F52



FBFFFF



001A3B



000225



00010D



000000



6F8EB9



6F8EB9

■ 5D83B9

■ 8299B9

■ 4A79B9

■ 94A3B9

■ 386EB9

■ A7AEB9

■ 2563B9

■ B9B9B9

■ 1258B9

■ CCC4B9

■ 004DB9

■ DECEB9

■ F1D9B9

■ FFE4B9

■ FFEFB9

Harmonies

Analogous

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



5094B3



6F8EB9



9086B3

Triad

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



6F8EB9



B97D76



699675

Complementary

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



6F8EB9



B99A6F

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.



849264



6F8EB9



AE8365

Square

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



6F8EB9



B77B8C



9C8B5F



50998C

Rectangle

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



6F8EB9



A281A9



9C8B5F



72956F

Sweetspot

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



6F8EB9



D3DFF0



6FB999



676E78



F7F7F7



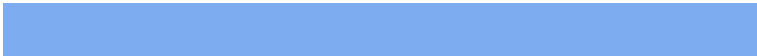
787878

Same Dimension

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



6F8EB9



7DADF0



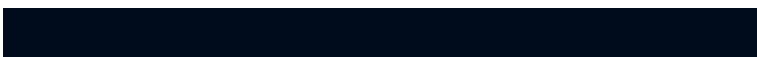
746FB9



53565C



00419C



000C1C

Inverse Universe

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



B96F8E



F07DAD



B4B96F



5C5356



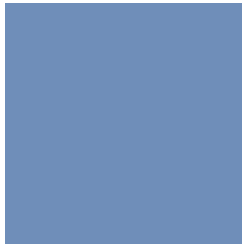
9C0041



1C000C

Previews

White Background



This preview shows how the Hex color 6F8EB9 looks on a white background.

Color Contrast Check

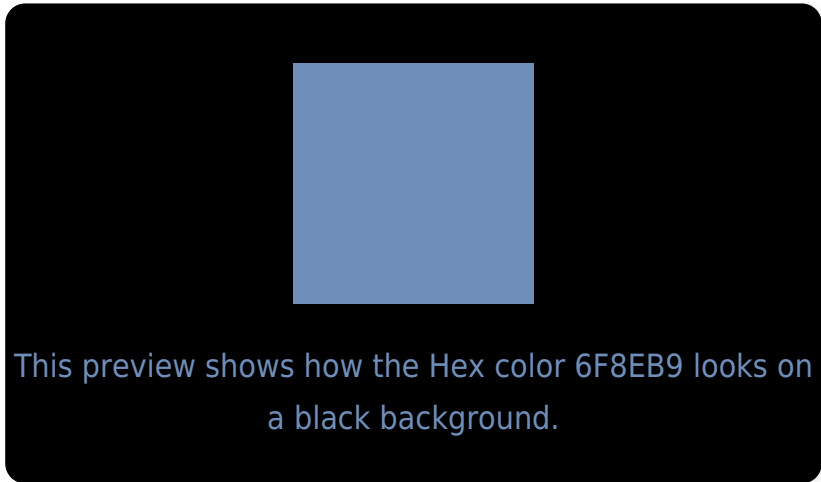
Large Text (above 18pt) WCAG AA ✓ Pass

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

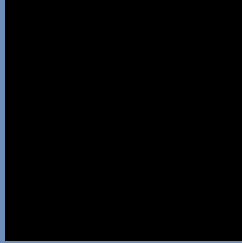
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

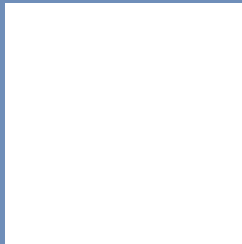
Any Text WCAG AAA × Fail

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

Hex 6F8EB9 Background



This preview shows how black text looks on a background with the Hex color 6F8EB9.



This preview shows how white text looks on a background with the Hex color 6F8EB9.

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](#).

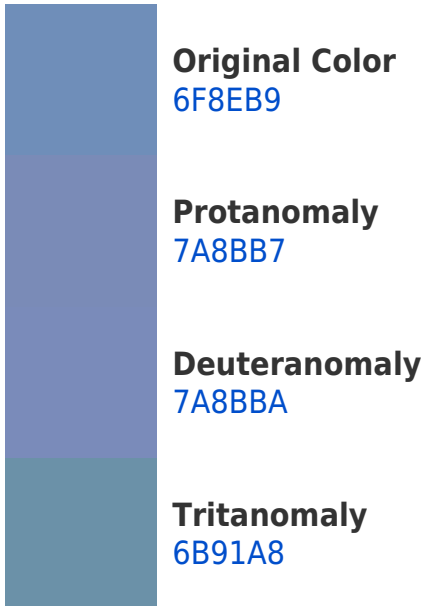
Dichromacy





Tritanopia
68939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F8EB9 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 #6F8EB9 looks like.

```
.text, #text, p{  
    color:#6F8EB9  
}
```

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 #6F8EB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F8EB9
}
```

Border

The CSS property to change the border of an element to Hex 6F8EB9 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
#6F8EB9 }
```

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

```
.border{ border-color:#6F8EB9 }
```

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

Here you see how a box with a 4 pixel #6F8EB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F8EB9; -webkit-box-shadow:4px 4px  
4px 4px #6F8EB9; box-shadow:4px 4px 4px  
4px #6F8EB9 }
```

Background

The CSS property to change the background color of an element to Hex 6F8EB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F8EB9 }
```

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

```
.background{ background-color:#6F8EB9 }
```

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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