

Converting Colors

Hex(6B9EBB)

Have a look what the booklet for
Hex(6B9EBB) contains.

Hex(6B9EBB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B9EBB)

Conversions

Conversions Part 1

Format	Color
Hex	6B9EBB
RGB	107, 158, 187
RGB Percent	42%, 62%, 73%
CMY	0.5804, 0.3804, 0.2667
CMYK	0.43, 0.16, 0.00, 0.27
HSL	202°, 37%, 58%
HSV	202°, 43%, 73%
XYZ	27.2599, 31.1674, 51.5929
YIQ	146.0570, -39.7050, -1.7930

Conversions

Conversions Part 2

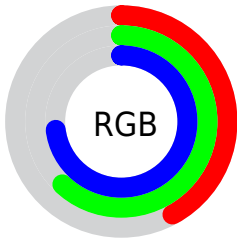
Format	Color
RYB	107, 138, 187
Decimal	7052987
CIELab	62.65, -9.27, -20.32
CIElCh	63, 22.334, 245.483
Yxy	31.1674, 0.2478, 0.2833
Android (android.graphics.Color)	4285243067 (0xFF6B9EBB)
YUV	146.0570, 20.1849, -34.2530
Hunter-Lab	55.8277, -10.5395, -15.7131

Details

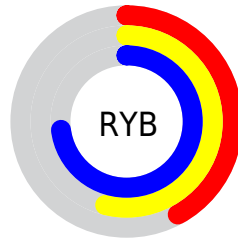
The Hex color **6B9EBB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BB886B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A2D5F3**, and **356B86** is the 20% darker color. If you saturate the color by 10%, you get **5897BB**, and if you desaturate by 10%, it is **7EA5BB**.

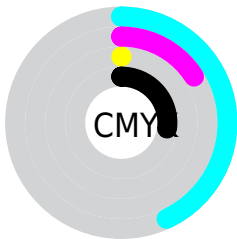
Distribution



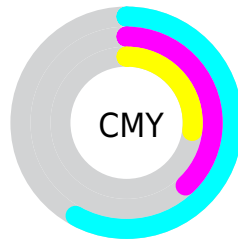
- Red (42%)
- Green (62%)
- Blue (73%)



- Red (42%)
- Yellow (54%)
- Blue (73%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B9EBB 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 6B9EBB by changing the saturation by 10% instead.



6B9EBB



6B9EBB

FFFFFF



5084A0



A2D5F3



356B86



BEF1FF



16536C



DAFFFF



003B54



F7FFFF



00263D



001127



000111



000000



6B9EBB



6B9EBB

■ 5897BB

■ 7EA5BB

■ 4690BB

■ 90ACBB

■ 338ABB

■ A3B2BB

■ 2083BB

■ B6B9BB

■ 0D7CBB

■ C9C0BB

■ 0077BB

■ DBC7BB

■ EECDBB

■ FFD4BB

■ FFD BBB

Harmonies

Analogous

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



5EA2AE



6B9EBB



8498BF

Triad

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



6B9EBB



BF8995



8D9D77

Complementary

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



6B9EBB



BB86B

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.



A39770



6B9EBB



BF8B81

Square

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



6B9EBB



B48BA8



B49174



76A186

Rectangle

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



6B9EBB



9793BB



B49174



949B73

Sweetspot

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



6B9EBB



D3E7F2



6BBB87



67737A



FAFAFA



7A7A7A

Same Dimension

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



6B9EBB



77C5F2



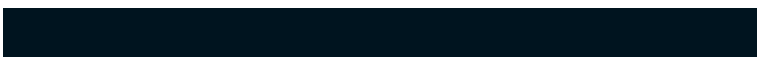
6B77BB



555B5E



00659E



00141F

Inverse Universe

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



BB6B9E



F277C5



BBAF6B



5E555B



9E0065



1F0014

Previews

White Background



This preview shows how the Hex color 6B9EBB looks on a white background.

Color Contrast Check

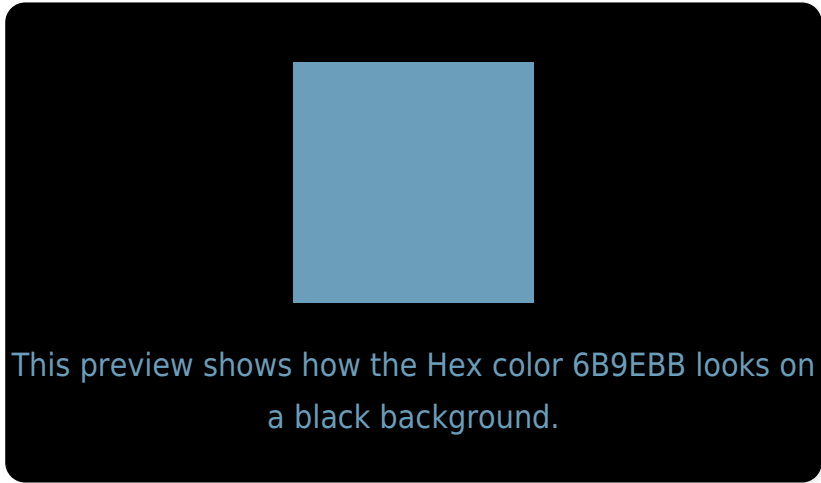
Large Text (above 18pt) WCAG AA × Fail

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

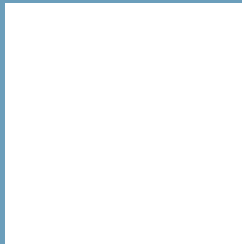
Any Text WCAG AAA ✓ Pass

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

Hex 6B9EBB Background



This preview shows how black text looks on a background with the Hex color 6B9EBB.



This preview shows how white text looks on a background with the Hex color 6B9EBB.

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
67A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B9EBB 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 #6B9EBB looks like.

```
.text, #text, p{  
    color:#6B9EBB  
}
```

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 #6B9EBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9EBB
}
```

Border

The CSS property to change the border of an element to Hex 6B9EBB 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
#6B9EBB }
```

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

```
.border{ border-color:#6B9EBB }
```

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

Here you see how a box with a 4 pixel #6B9EBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9EBB; -webkit-box-shadow:4px 4px  
4px 4px #6B9EBB; box-shadow:4px 4px 4px  
4px #6B9EBB }
```

Background

The CSS property to change the background color of an element to Hex 6B9EBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9EBB }
```

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

```
.background{ background-color:#6B9EBB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor