

Converting Colors

Hex(6B8EBB)

Have a look what the booklet for
Hex(6B8EBB) contains.

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Color

Hex(6B8EBB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6B8EBB |
| RGB | 107, 142, 187 |
| RGB Percent | 42%, 56%, 73% |
| CMY | 0.5804, 0.4431, 0.2667 |
| CMYK | 0.43, 0.24, 0.00, 0.27 |
| HSL | 214°, 37%, 58% |
| HSV | 214°, 43%, 73% |
| XYZ | 24.7060, 26.0597, 50.7416 |
| YIQ | 136.6650, -35.3050, 6.5750 |

Conversions

Conversions Part 2

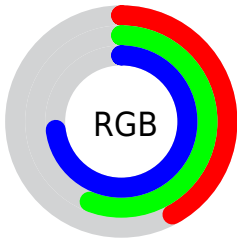
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 107, 131, 187 |
| Decimal | 7048891 |
| CIELab | 58.09, -0.27, -27.31 |
| CIELCh | 58, 27.313, 269.433 |
| Yxy | 26.0597, 0.2434, 0.2567 |
| Android (android.graphics.Color) | 4285238971 (0xFF6B8EBB) |
| YUV | 136.6650, 24.8152, -26.0162 |
| Hunter-Lab | 51.0487, -2.9464, -23.1993 |

Details

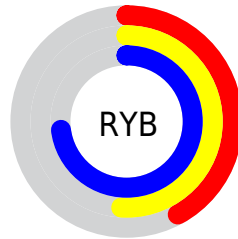
The Hex color **6B8EBB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BB986B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A1C4F3**, and **365C86** is the 20% darker color. If you saturate the color by 10%, you get **5883BB**, and if you desaturate by 10%, it is **7E99BB**.

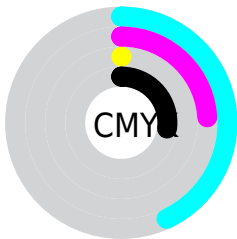
Distribution



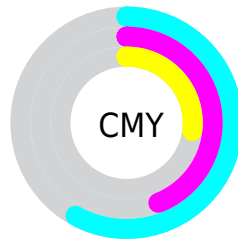
- Red (42%)
- Green (56%)
- Blue (73%)



- Red (42%)
- Yellow (51%)
- Blue (73%)



- Cyan (43%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8EBB 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 6B8EBB by changing the saturation by 10% instead.



6B8EBB



6B8EBB

FFFFFF



5075A0



A1C4F3



365C86



BDDFFF



18456C



DAFCFF



002F54



F7FFFF



001A3C



000326



000110



000000



6B8EBB



6B8EBB

■ 5883BB

■ 7E99BB

■ 4679BB

■ 90A3BB

■ 336EBB

■ A3AEBB

■ 2064BB

■ B6B8BB

■ 0D59BB

■ C9C3BB

■ 0052BB

■ DBCDBB

■ EED8BB

■ FFE2BB

■ FFEDBB

Harmonies

Analogous

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



4995B4



6B8EBB



8E86B5

Triad

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



6B8EBB



BA7B75



689673

Complementary

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



6B8EBB



BB986B

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.



839161



6B8EBB



B08263

Square

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



6B8EBB



B97A8D



9D8A5C



4C998A

Rectangle

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



6B8EBB



A280AB



9D8A5C



71956C

Sweetspot

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



6B8EBB



D3E1F2



6BBB97



676F7A



FAFAFA



7A7A7A

Same Dimension

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



6B8EBB



77ADF2



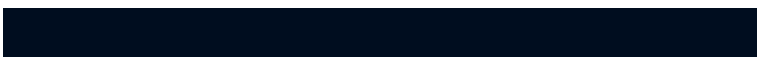
6F6BBB



55595E



00459E



000D1F

Inverse Universe

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



BB6B8E



F277AD



B7BB6B



5E5559



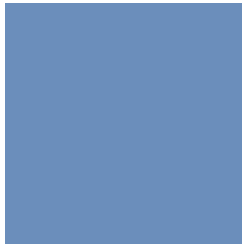
9E0045



1F000D

Previews

White Background



This preview shows how the Hex color 6B8EBB looks on a white background.

Color Contrast Check

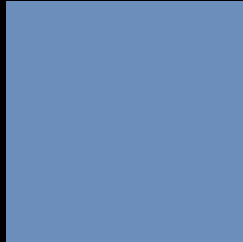
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6B8EBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

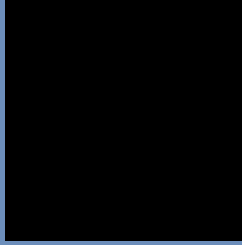
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

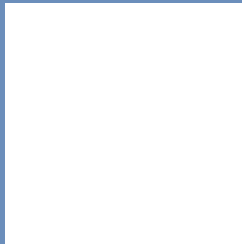
Any Text WCAG AAA × Fail

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

Hex 6B8EBB Background



This preview shows how black text looks on a background with the Hex color 6B8EBB.



This preview shows how white text looks on a background with the Hex color 6B8EBB.

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](#).

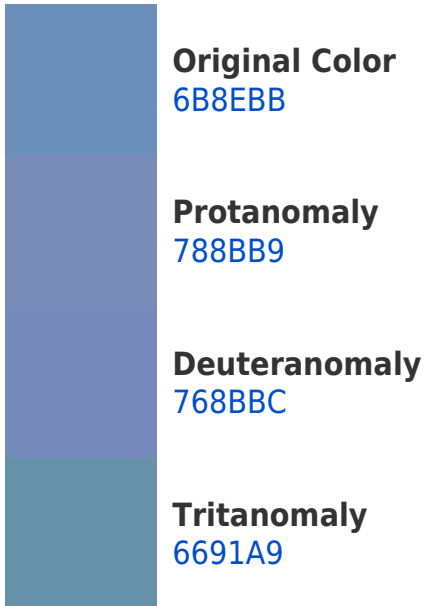
Dichromacy





Tritanopia
63939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8EBB 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 #6B8EBB looks like.

```
.text, #text, p{  
    color:#6B8EBB  
}
```

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 #6B8EBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8EBB
}
```

Border

The CSS property to change the border of an element to Hex 6B8EBB is called "border". The border property can be set on classes, ids or directly on the HTML element.

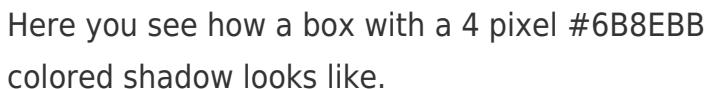
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B8EBB }
```

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

```
.border{ border-color:#6B8EBB }
```

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



Here you see how a box with a 4 pixel #6B8EBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8EBB; -webkit-box-shadow:4px 4px  
4px 4px #6B8EBB; box-shadow:4px 4px 4px  
4px #6B8EBB }
```

Background

The CSS property to change the background color of an element to Hex 6B8EBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8EBB }
```

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

```
.background{ background-color:#6B8EBB }
```

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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