

Converting Colors

Hex(6B8BBD)

Have a look what the booklet for
Hex(6B8BBD) contains.

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Color

Hex(6B8BBD)

Conversions

Conversions Part 1

Format	Color
Hex	6B8BBD
RGB	107, 139, 189
RGB Percent	42%, 55%, 74%
CMY	0.5804, 0.4549, 0.2588
CMYK	0.43, 0.26, 0.00, 0.26
HSL	217°, 38%, 58%
HSV	217°, 43%, 74%
XYZ	24.4813, 25.2652, 51.7305
YIQ	135.1320, -35.1220, 8.7660

Conversions

Conversions Part 2

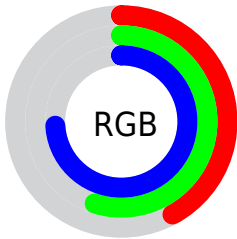
Format	Color
R _Y B	107, 130, 189
Decimal	7048125
CIE Lab	57.33, 2.04, -29.62
CIE LCh	57, 29.694, 273.936
Yxy	25.2652, 0.2413, 0.2490
Android (android.graphics.Color)	4285238205 (0xFF6B8BBD)
YUV	135.1320, 26.5569, -24.6718
Hunter-Lab	50.2645, -1.0243, -25.8341

Details

The Hex color **6B8BBD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BD9D6B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A1C0F5**, and **355987** is the 20% darker color. If you saturate the color by 10%, you get **587FBD**, and if you desaturate by 10%, it is **7E97BD**.

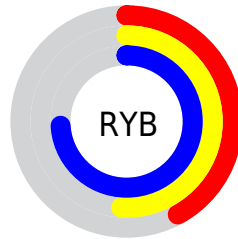
Distribution



Red (42%)

Green (55%)

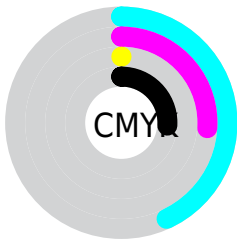
Blue (74%)



Red (42%)

Yellow (51%)

Blue (74%)

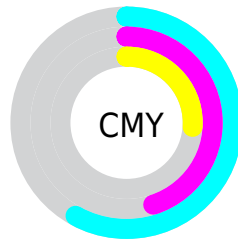


Cyan (43%)

Magenta (26%)

Yellow (0%)

Black (26%)



Cyan (58%)

Magenta (45%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8BBD 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 6B8BBD by changing the saturation by 10% instead.

■ 6B8BBD

■ 6B8BBD

FFFFFF

■ 5072A2

■ A1C0F5

■ 355987

■ BDDCFF

■ 17426E

■ DAF9FF

■ 002C55

■ F7FFFF

■ 00183E

■ 000328

■ 000111

■ 000000

■ 6B8BBD

■ 6B8BBD

■ 587FBD

■ 7E97BD

■ 4574BD

■ 91A2BD

■ 3268BD

■ A4AEBD

■ 1F5DBD

■ B7B9BD

■ 0C51BD

■ CAC5BD

■ 004ABD

■ DCD0BD

■ EFDCBD

■ FFE7BD

■ FFF3BD

Harmonies

Analogous

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



4292B8



6B8BBD



9182B5

Triad

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



6B8BBD



BB796E



5D9672

Complementary

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



6B8BBD



BD9D6B

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.



7C915E



6B8BBD



AE805C

Square

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



6B8BBD



BB7687



988956



3D988C

Rectangle

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



6B8BBD



A57CA8



988956



68946A

Sweetspot

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



6B8BBD



D5E1F5



6BBD9C



676E7A



FAFAFA



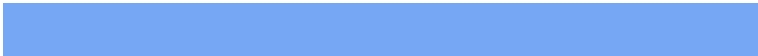
7A7A7A

Same Dimension

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



6B8BBD



76A7F5



736BBD



55595E



003E9E



000C1F

Inverse Universe

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



BD6B8B



F576A7



B5BD6B



5E5559



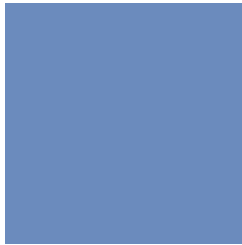
9E003E



1F000C

Previews

White Background



This preview shows how the Hex color 6B8BBD looks on a white background.

Color Contrast Check

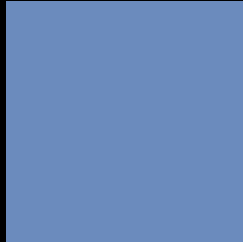
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B8BBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

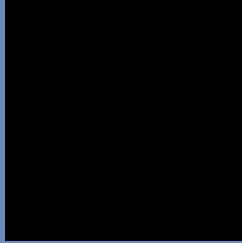
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

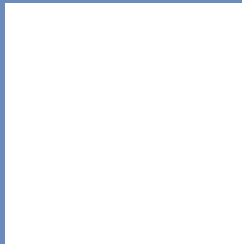
Any Text WCAG AAA × Fail

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

Hex 6B8BBD Background



This preview shows how black text looks on a background with the Hex color 6B8BBD.




This preview shows how white text looks on a background with the Hex color 6B8BBD.

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](#).

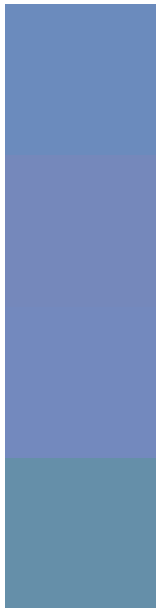
Dichromacy





Tritanopia
62919D

Trichromacy



Original Color
6B8BBD

Protanomaly
7588BB

Deuteranomaly
7389BE

Tritanomaly
658FA9

Monochromacy



Original Color
6B8BBD

Achromatopsia
878787

Achromatomaly
7D889B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8BBD 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 #6B8BBD looks like.

```
.text, #text, p{  
    color:#6B8BBD  
}
```

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 #6B8BBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8BBD
}
```

Border

The CSS property to change the border of an element to Hex 6B8BBD is called "border". The border property can be set on classes, ids or directly on the HTML element.

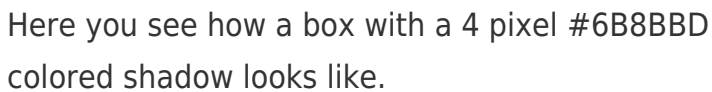
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B8BBD }
```

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

```
.border{ border-color:#6B8BBD }
```

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



Here you see how a box with a 4 pixel #6B8BBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8BBD; -webkit-box-shadow:4px 4px  
4px 4px #6B8BBD; box-shadow:4px 4px 4px  
4px #6B8BBD }
```

Background

The CSS property to change the background color of an element to Hex 6B8BBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8BBD }
```

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

```
.background{ background-color:#6B8BBD }
```

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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