

Converting Colors

Hex(6B83B8)

Have a look what the booklet for
Hex(6B83B8) contains.

Hex(6B83B8)	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(6B83B8)

Conversions

Conversions Part 1

Format	Color
Hex	6B83B8
RGB	107, 131, 184
RGB Percent	42%, 51%, 72%
CMY	0.5804, 0.4863, 0.2784
CMYK	0.42, 0.29, 0.00, 0.28
HSL	221°, 35%, 57%
HSV	221°, 42%, 72%
XYZ	22.8314, 22.8191, 48.5486
YIQ	129.8660, -31.3170, 11.3950

Conversions

Conversions Part 2

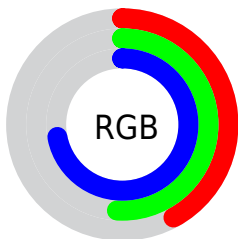
Format	Color
R_{YB}	107, 125, 184
Decimal	7046072
CIE _{Lab}	54.89, 5.27, -30.58
CIE _{LCh}	55, 31.028, 279.786
Yxy	22.8191, 0.2424, 0.2422
Android (android.graphics.Color)	4285236152 (0xFF6B83B8)
YUV	129.8660, 26.6881, -20.0535
Hunter-Lab	47.7693, 1.7180, -26.8186

Details

The Hex color **6B83B8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B8A06B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A1B8F0**, and **365283** is the 20% darker color. If you saturate the color by 10%, you get **5976B8**, and if you desaturate by 10%, it is **7D90B8**.

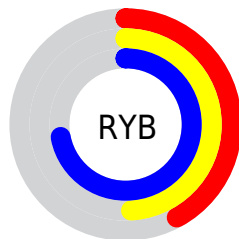
Distribution



Red (42%)

Green (51%)

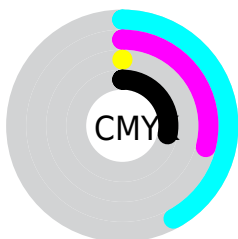
Blue (72%)



Red (42%)

Yellow (49%)

Blue (72%)

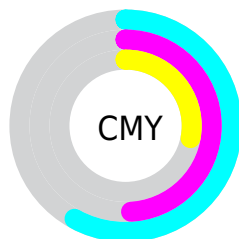


Cyan (42%)

Magenta (29%)

Yellow (0%)

Black (28%)



Cyan (58%)

Magenta (49%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B83B8 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 6B83B8 by changing the saturation by 10% instead.



6B83B8



6B83B8

FFFFFF



516A9D



A1B8F0



365283



BDD3FF



193B69



DAF0FF



002651



F7FFFF



00113A



000224



00000B



000000



6B83B8



6B83B8

■ 5976B8

■ 7D90B8

■ 466AB8

■ 909CB8

■ 345DB8

■ A2A9B8

■ 2150B8

■ B5B6B8

■ 0F44B8

■ C7C2B8

■ 0039B8

■ D9CFB8

■ ECDCB8

■ FEE8B8

■ FFF5B8

Harmonies

Analogous

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



3C8BB5



6B83B8



9279AD

Triad

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



6B83B8



B47362



4E9070

Complementary

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



6B83B8



B8A06B

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.



6F8C59



6B83B8



A57B51

Square

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



6B83B8



B76E7B



8C854E



28928C

Rectangle

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



6B83B8



A5739F



8C854E



598F67

Sweetspot

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



6B83B8



D1DAF0



6BB8A0



656B78



F7F7F7



787878

Same Dimension

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



6B83B8



789DF0



796BB8



53555C



00309C



00091C

Inverse Universe

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



B86B83



F0789D



AAB86B



5C5355



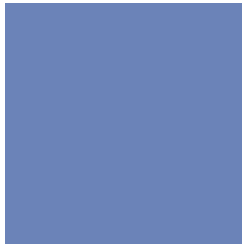
9C0030



1C0009

Previews

White Background



This preview shows how the Hex color 6B83B8 looks on a white background.

Color Contrast Check

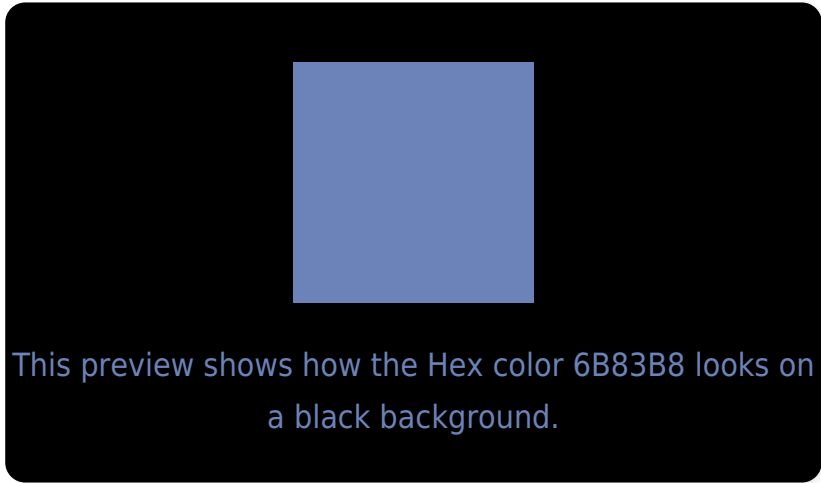
Large Text (above 18pt) WCAG AA ✓ Pass

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

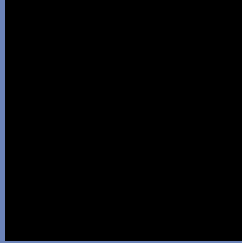
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

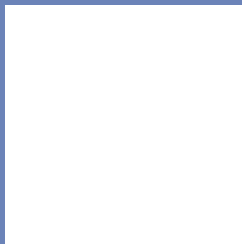
Any Text WCAG AAA × Fail

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

Hex 6B83B8 Background



This preview shows how black text looks on a background with the Hex color 6B83B8.

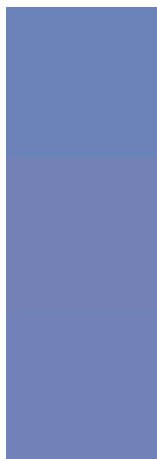


This preview shows how white text looks on a background with the Hex color 6B83B8.

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
6B83B8

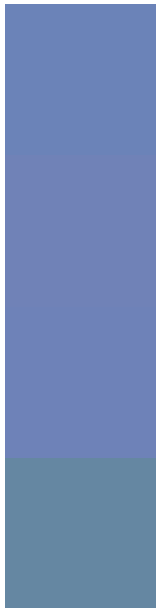
Protanopia
7381B7

Deuteranopia
7082B8



Tritanopia
628A95

Trichromacy



Original Color
6B83B8

Protanomaly
7082B7

Deuteranomaly
6E82B8

Tritanomaly
6587A2

Monochromacy



Original Color
6B83B8

Achromatopsia
828282

Achromatomaly
7A8296

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B83B8 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 #6B83B8 looks like.

```
.text, #text, p{  
    color:#6B83B8  
}
```

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 #6B83B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B83B8
}
```

Border

The CSS property to change the border of an element to Hex 6B83B8 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
#6B83B8 }
```

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

```
.border{ border-color:#6B83B8 }
```

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

Here you see how a box with a 4 pixel #6B83B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B83B8; -webkit-box-shadow:4px 4px  
4px 4px #6B83B8; box-shadow:4px 4px 4px  
4px #6B83B8 }
```

Background

The CSS property to change the background color of an element to Hex 6B83B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B83B8 }
```

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

```
.background{ background-color:#6B83B8 }
```

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