

Converting Colors

Hex(6C5B80)

Have a look what the booklet for
Hex(6C5B80) contains.

Hex(6C5B80)	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(6C5B80)

Conversions

Conversions Part 1

Format	Color
Hex	6C5B80
RGB	108, 91, 128
RGB Percent	42%, 36%, 50%
CMY	0.5765, 0.6431, 0.4980
CMYK	0.16, 0.29, 0.00, 0.50
HSL	268°, 17%, 43%
HSV	268°, 29%, 50%
XYZ	13.8217, 12.2288, 22.0540
YIQ	100.3010, -1.7450, 15.1110

Conversions

Conversions Part 2

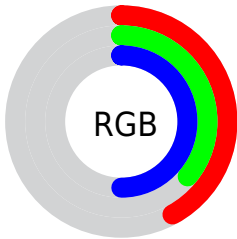
Format	Color
R_{YB}	108, 91, 128
Decimal	7101312
CIE _{Lab}	41.58, 14.75, -18.18
CIE _{LCh}	42, 23.416, 309.055
Yxy	12.2288, 0.2873, 0.2542
Android (android.graphics.Color)	4285291392 (0xFF6C5B80)
YUV	100.3010, 13.6556, 6.7520
Hunter-Lab	34.9697, 9.3547, -12.9130

Details

The Hex color **6C5B80** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6F805B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A08DB5**, and **3C2D4F** is the 20% darker color. If you saturate the color by 10%, you get **654E80**, and if you desaturate by 10%, it is **736880**.

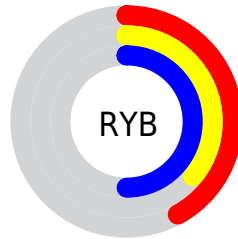
Distribution



Red (42%)

Green (36%)

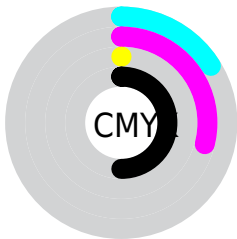
Blue (50%)



Red (42%)

Yellow (36%)

Blue (50%)

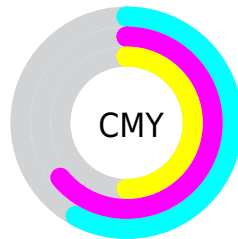


Cyan (16%)

Magenta (29%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (64%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C5B80 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 6C5B80 by changing the saturation by 10% instead.

6C5B80

6C5B80

FFFFFF

534367

A08DB5

3C2D4F

BBA8D1

251838

D7C3ED

130022

F3DFFF

000009

FFFBFF

000000

6C5B80

6C5B80

654E80

736880

5E4180

7A7580

573580

818180

502880

888E80

491B80

8F9B80

420E80

96A880

3C0180

9CB580

3B0080

A3C180

AACE80

Harmonies

Analogous

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



516288



6C5B80



7F5570

Triad

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



6C5B80



7B5C3E



256D67

Complementary

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



6C5B80



6F805B

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.



3D6B54



6C5B80



69633C

Square

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



6C5B80



86564B



546844



1B6B7A

Rectangle

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



6C5B80



865363



546844



2D6C61

Sweetspot

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



6C5B80



9E97A6



5B6F80



4F4B54



D4D4D4



545454

Same Dimension

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



6C5B80



866CA6



7E5B80



3C3940



3B0080



000000

Inverse Universe

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



805B6F



A66C8B



5D805B



40393D



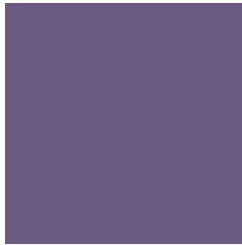
800045



000000

Previews

White Background



This preview shows how the Hex color 6C5B80 looks on a white background.

Color Contrast Check

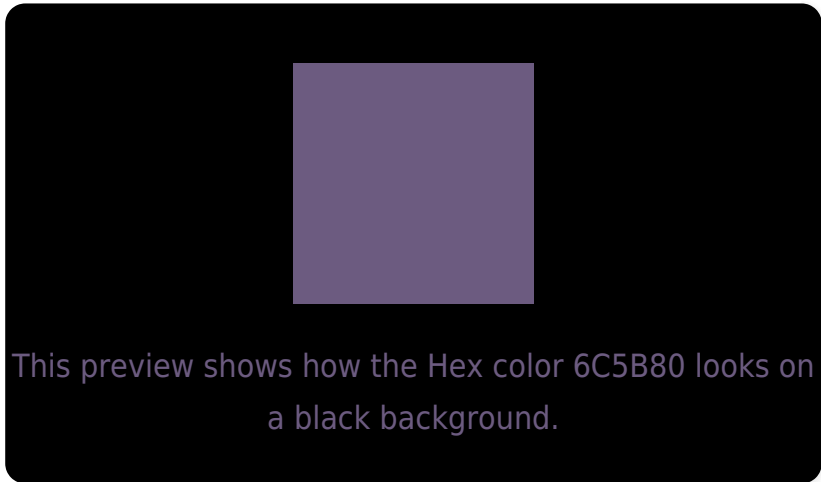
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

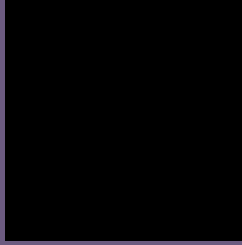
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 6C5B80 Background



This preview shows how black text looks on a background with the Hex color 6C5B80.



This preview shows how white text looks on a background with the Hex color 6C5B80.

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
6C5B80

Protanopia
586184

Deuteranopia
5C607F



Tritanopia
686067

Trichromacy



Original Color
6C5B80

Protanomaly
5F5F83

Deuteranomaly
625E7F

Tritanomaly
695E70

Monochromacy



Original Color
6C5B80

Achromatopsia
646464

Achromatomaly
67616E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C5B80 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 #6C5B80 looks like.

```
.text, #text, p{  
    color:#6C5B80  
}
```

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 #6C5B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C5B80
}
```

Border

The CSS property to change the border of an element to Hex 6C5B80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

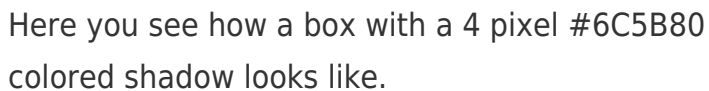
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C5B80 }
```

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

```
.border{ border-color:#6C5B80 }
```

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



Here you see how a box with a 4 pixel #6C5B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C5B80; -webkit-box-shadow:4px 4px  
4px 4px #6C5B80; box-shadow:4px 4px 4px  
4px #6C5B80 }
```

Background

The CSS property to change the background color of an element to Hex 6C5B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C5B80 }
```

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

```
.background{ background-color:#6C5B80 }
```

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