

Converting Colors

Hex(6C8BC5)

Have a look what the booklet for
Hex(6C8BC5) contains.

Hex(6C8BC5)	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(6C8BC5)

Conversions

Conversions Part 1

Format	Color
Hex	6C8BC5
RGB	108, 139, 197
RGB Percent	42%, 55%, 77%
CMY	0.5765, 0.4549, 0.2275
CMYK	0.45, 0.29, 0.00, 0.23
HSL	219°, 43%, 60%
HSV	219°, 45%, 77%
XYZ	25.4950, 25.6846, 56.4372
YIQ	136.3430, -37.0940, 11.4660

Conversions

Conversions Part 2

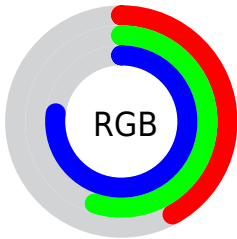
Format	Color
RYB	108, 131, 197
Decimal	7113669
CIELab	57.74, 4.63, -33.52
CIELCh	58, 33.843, 277.864
Yxy	25.6846, 0.2369, 0.2387
Android (android.graphics.Color)	4285303749 (0xFF6C8BC5)
YUV	136.3430, 29.9039, -24.8568
Hunter-Lab	50.6800, 1.1060, -30.5494

Details

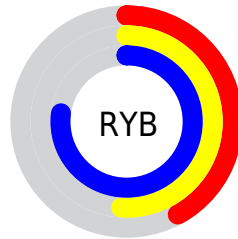
The Hex color `6C8BC5` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `C5A66C`, and the grayscale version is `888888`.

A 20% lighter version of the original color is `A3C0FE`, and `35598F` is the 20% darker color. If you saturate the color by 10%, you get `587EC5`, and if you desaturate by 10%, it is `8098C5`.

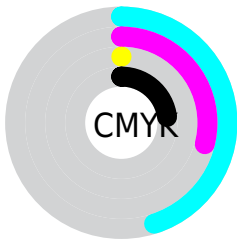
Distribution



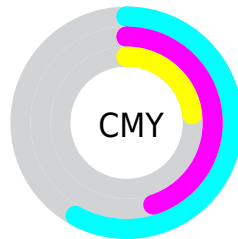
- Red (42%)
- Green (55%)
- Blue (77%)



- Red (42%)
- Yellow (51%)
- Blue (77%)



- Cyan (45%)
- Magenta (29%)
- Yellow (0%)
- Black (23%)



- Cyan (58%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C8BC5 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 6C8BC5 by changing the saturation by 10% instead.

■ 6C8BC5

■ 6C8BC5

FFFFFF

■ 5172AA

■ A3C0FE

■ 35598F

■ BFDCFF

■ 154275

■ DCF9FF

■ 002C5C

■ F9FFFF

■ 001844

■ 00032E

■ 000118

■ 000000

■ 6C8BC5

■ 6C8BC5

■ 587EC5

■ 8098C5

■ 4571C5

■ 93A5C5

■ 3164C5

■ A7B2C5

■ 1D58C5

■ BBBEC5

■ 094BC5

■ CFCBC5

■ 0045C5

■ E2D8C5

■ F6E5C5

■ FFF2C5

■ FFFFC5

Harmonies

Analogous

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



3494C1



6C8BC5



9880B9

Triad

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



6C8BC5



C17868



519973

Complementary

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



6C8BC5



C5A66C

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.



76945B



6C8BC5



B08154

Square

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



6C8BC5



C47384



968B4F



229A92

Rectangle

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



6C8BC5



AE79AB



968B4F



5E976A

Sweetspot

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



6C8BC5



DBE8FF



6CC5A6



6A7180



000000



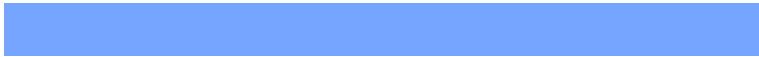
808080

Same Dimension

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



6C8BC5



75A5FF



796CC5



5A5D63



0039A3



000C24

Inverse Universe

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



C56C8B



FF75A5



B8C56C



635A5D



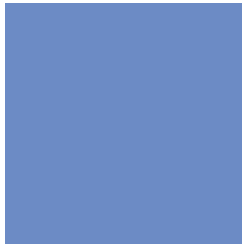
A30039



24000C

Previews

White Background



This preview shows how the Hex color 6C8BC5 looks on a white background.

Color Contrast Check

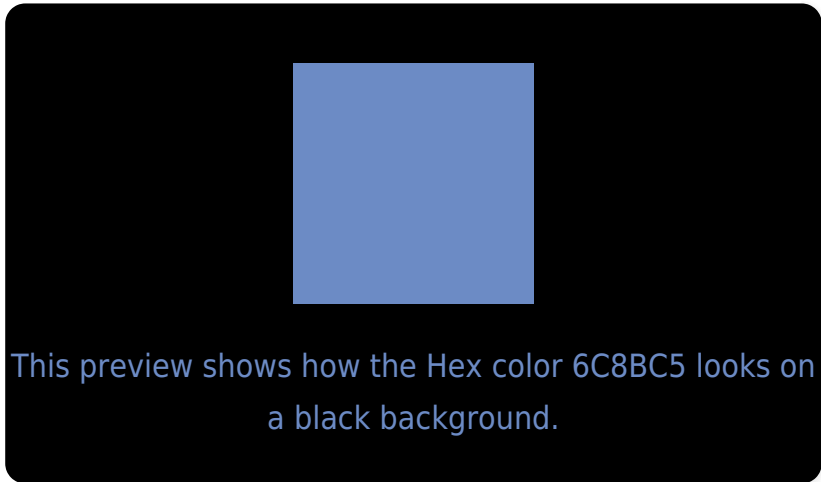
Large Text (above 18pt) WCAG AA ✓ Pass

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

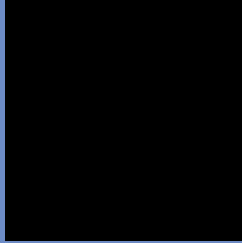
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

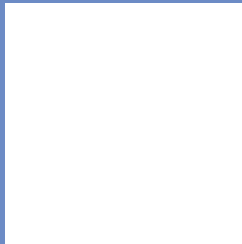
Any Text WCAG AAA × Fail

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

Hex 6C8BC5 Background



This preview shows how black text looks on a background with the Hex color 6C8BC5.

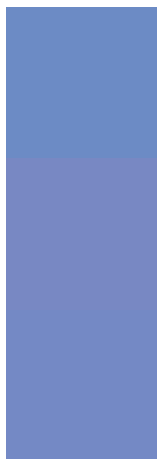


This preview shows how white text looks on a background with the Hex color 6C8BC5.

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
6C8BC5

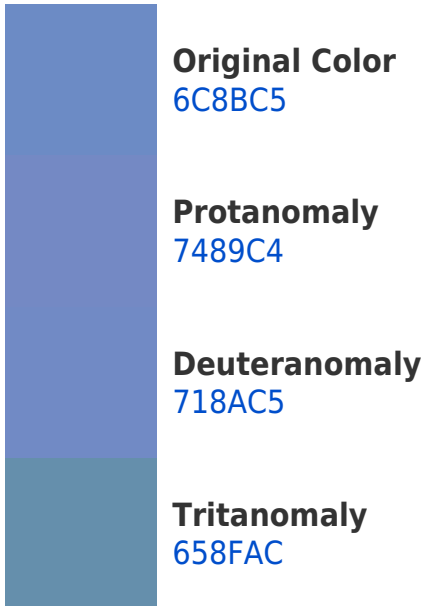
Protanopia
7888C3

Deuteranopia
7489C5



Tritanopia
61929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C8BC5 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 #6C8BC5 looks like.

```
.text, #text, p{  
    color:#6C8BC5  
}
```

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 #6C8BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8BC5
}
```

Border

The CSS property to change the border of an element to Hex 6C8BC5 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
#6C8BC5 }
```

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

```
.border{ border-color:#6C8BC5 }
```

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

Here you see how a box with a 4 pixel #6C8BC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8BC5; -webkit-box-shadow:4px 4px  
4px 4px #6C8BC5; box-shadow:4px 4px 4px  
4px #6C8BC5 }
```

Background

The CSS property to change the background color of an element to Hex 6C8BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8BC5 }
```

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

```
.background{ background-color:#6C8BC5 }
```

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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