

# Converting Colors

Hex(6C8DC5)

Have a look what the booklet for  
Hex(6C8DC5) contains.

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# Color

Hex(6C8DC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C8DC5
RGB	108, 141, 197
RGB Percent	42%, 55%, 77%
CMY	0.5765, 0.4471, 0.2275
CMYK	0.45, 0.28, 0.00, 0.23
HSL	218°, 43%, 60%
HSV	218°, 45%, 77%
XYZ	25.7873, 26.2691, 56.5346
YIQ	137.5170, -37.6440, 10.4200

# Conversions

## Conversions Part 2

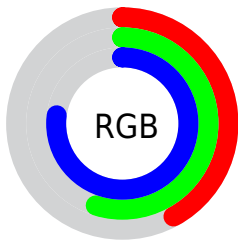
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 132, 197
Decimal	7114181
CIE Lab	58.29, 3.46, -32.66
CIE LCh	58, 32.843, 276.056
Yxy	26.2691, 0.2375, 0.2419
Android (android.graphics.Color)	4285304261 (0xFF6C8DC5)
YUV	137.5170, 29.3251, -25.8864
Hunter-Lab	51.2534, 0.1157, -29.5219

# Details

The Hex color `6C8DC5` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `C5A46C`, and the grayscale version is `898989`.

A 20% lighter version of the original color is `A3C2FE`, and `355B8F` is the 20% darker color. If you saturate the color by 10%, you get `5881C5`, and if you desaturate by 10%, it is `8099C5`.

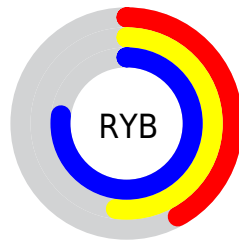
# Distribution



Red (42%)

Green (55%)

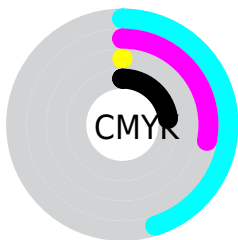
Blue (77%)



Red (42%)

Yellow (52%)

Blue (77%)

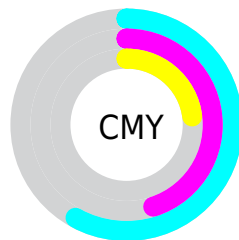


Cyan (45%)

Magenta (28%)

Yellow (0%)

Black (23%)



Cyan (58%)

Magenta (45%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C8DC5 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 6C8DC5 by changing the saturation by 10% instead.



■ 6C8DC5

■ 6C8DC5

FFFFFF

■ 5174AA

■ A3C2FE

■ 355B8F

■ BFDEFF

■ 154475

■ DCFBFF

■ 002E5C

■ F9FFFF

■ 001A44

■ 00042E

■ 000118

■ 000000

■ 6C8DC5

■ 6C8DC5

■ 5881C5

■ 8099C5

■ 4574C5

■ 93A6C5

■ 3168C5

■ A7B2C5

■ 1D5BC5

■ BBBFC5

■ 094FC5

■ CFCBC5

■ 0049C5

■ E2D7C5

■ F6E4C5

■ FFF0C5

■ FFFDC5

# Harmonies

## Analogous

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



3895C0



6C8DC5



9783BB

# Triad

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



6C8DC5



C2796C



579A74

# Complementary

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



6C8DC5



C5A46C

# 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.



7B945D



6C8DC5



B28258

# Square

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



6C8DC5



C37687



998C52



2E9C91

# Rectangle

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



6C8DC5



AD7CAD



998C52



64986B



# Sweetspot

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



6C8DC5



DBE9FF



6CC5A3



6A7280



000000



808080



# Same Dimension

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



6C8DC5



75A8FF



766CC5



5A5D63



003DA3



000D24



# Inverse Universe

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



C56C8D



FF75A8



BBC56C



635A5D



A3003D

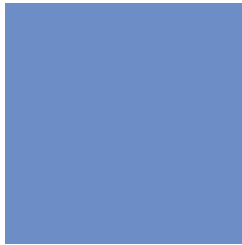


24000D



# Previews

## White Background



This preview shows how the Hex color 6C8DC5 looks on a white background.

## Color Contrast Check

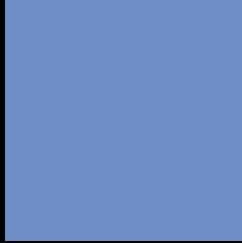
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C8DC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

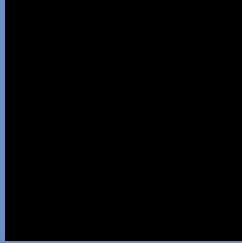
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

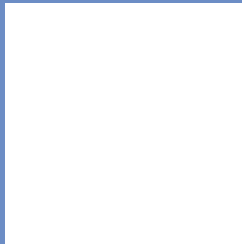
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C8DC5 Background



This preview shows how black text looks on a background with the Hex color 6C8DC5.

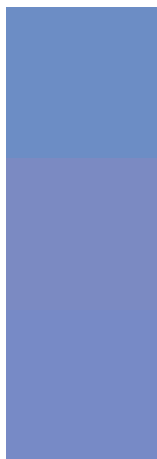


This preview shows how white text looks on a background with the Hex color 6C8DC5.

# 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**  
6C8DC5

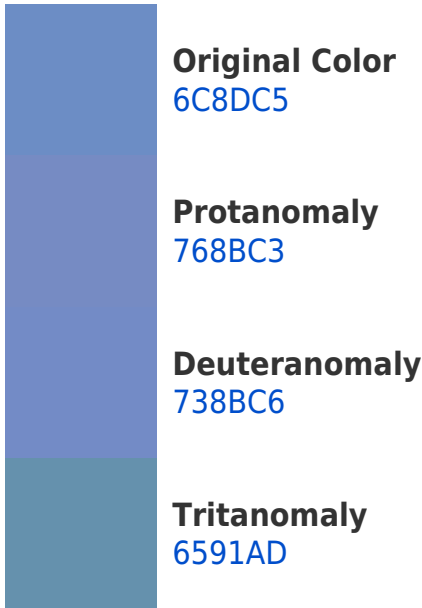
**Protanopia**  
7B8AC2

**Deuteranopia**  
778AC6

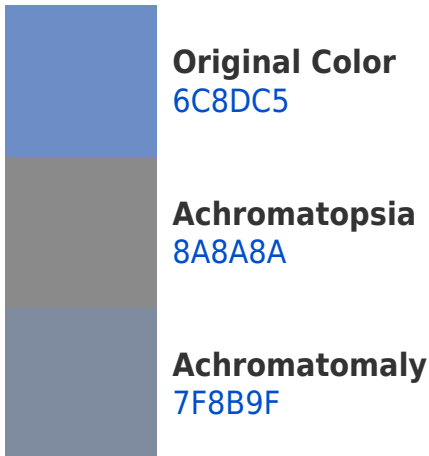


**Tritanopia**  
6194A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C8DC5 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 #6C8DC5 looks like.

```
.text, #text, p{  
    color:#6C8DC5  
}
```

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 #6C8DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8DC5
}
```

## Border

The CSS property to change the border of an element to Hex 6C8DC5 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
#6C8DC5 }
```

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

```
.border{ border-color:#6C8DC5 }
```

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

Here you see how a box with a 4 pixel #6C8DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8DC5; -webkit-box-shadow:4px 4px  
4px 4px #6C8DC5; box-shadow:4px 4px 4px  
4px #6C8DC5 }
```

# Background

The CSS property to change the background color of an element to Hex 6C8DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8DC5 }
```

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

```
.background{ background-color:#6C8DC5 }
```

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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