

# Converting Colors

Hex(6D81C5)

Have a look what the booklet for  
Hex(6D81C5) contains.

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# Color

**Hex(6D81C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D81C5
RGB	109, 129, 197
RGB Percent	43%, 51%, 77%
CMY	0.5725, 0.4941, 0.2275
CMYK	0.45, 0.35, 0.00, 0.23
HSL	226°, 43%, 60%
HSV	226°, 45%, 77%
XYZ	24.2350, 22.9829, 55.9822
YIQ	130.7720, -33.7480, 16.9080

# Conversions

## Conversions Part 2

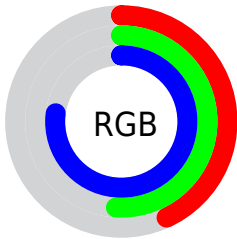
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 125, 197</a>
Decimal	<a href="#">7176645</a>
CIELab	<a href="#">55.05, 10.79, -37.72</a>
CIELCh	<a href="#">55, 39.228, 285.961</a>
Yxy	<a href="#">22.9829, 0.2348, 0.2227</a>
Android (android.graphics.Color)	<a href="#">4285366725 (0xFF6D81C5)</a>
YUV	<a href="#">130.7720, 32.6504, -19.0940</a>
Hunter-Lab	<a href="#">47.9405, 6.3397, -35.6770</a>

# Details

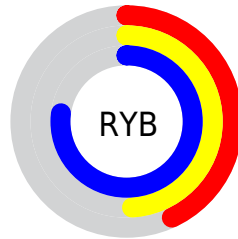
The Hex color **6D81C5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C5B16D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A4B6FE**, and **36508F** is the 20% darker color. If you saturate the color by 10%, you get **5972C5**, and if you desaturate by 10%, it is **8190C5**.

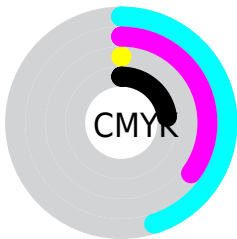
# Distribution



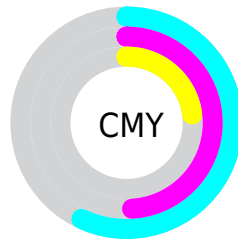
- Red (43%)
- Green (51%)
- Blue (77%)



- Red (43%)
- Yellow (49%)
- Blue (77%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (23%)



- Cyan (57%)
- Magenta (49%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D81C5 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 6D81C5 by changing the saturation by 10% instead.





6D81C5



6D81C5

FFFFFF



5268AA



A4B6FE



36508F



C0D1FF



163A75



DDEDFF



00245C



FAFFFF



001044



00032D



000117



000000



6D81C5



6D81C5

■ 5972C5

■ 8190C5

■ 4663C5

■ 949FC5

■ 3253C5

■ A8AFC5

■ 1E44C5

■ BCBEC5

■ 0B35C5

■ D0CDC5

■ 002DC5

■ E3DCC5

■ F7ECC5

■ FFFBC5

■ FFFFC5

# Harmonies

## Analogous

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



198CC5



6D81C5



9E74B3

# Triad

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



6D81C5



BC7054



2B9472

# Complementary

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



6D81C5



C5B16D

# 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.



609053



6D81C5



A67C41

# Square

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



6D81C5



C46873



878840



009595

# Rectangle

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



6D81C5



B36CA0



878840



419367



# Sweetspot

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



6D81C5



DEE5FF



6DC5B0



6B7080



000000



808080



# Same Dimension

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



6D81C5



7595FF



846DC5



5A5C63



0025A3



000824



# Inverse Universe

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



C56D81



FF7595



AEC56D



635A5C



A30025

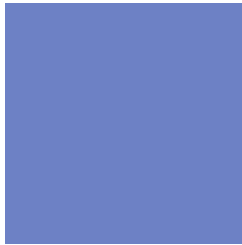


240008



# Previews

## White Background



This preview shows how the Hex color 6D81C5 looks on a white background.

## Color Contrast Check

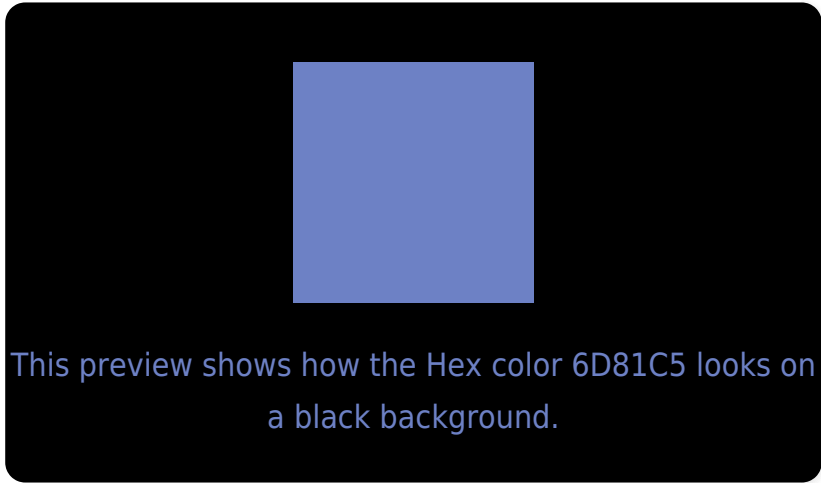
Large Text (above 18pt) WCAG AA ✓ Pass

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

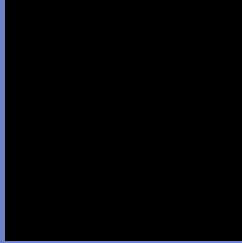
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6D81C5 Background



This preview shows how black text looks on a background with the Hex color 6D81C5.



This preview shows how white text looks on a background with the Hex color 6D81C5.

# 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**  
6D81C5

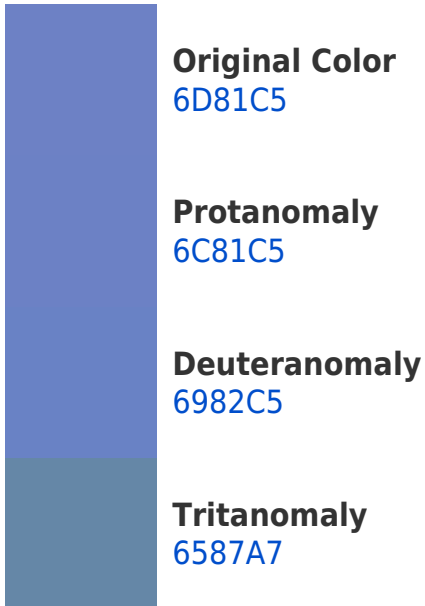
**Protanopia**  
6C81C5

**Deuteranopia**  
6683C5

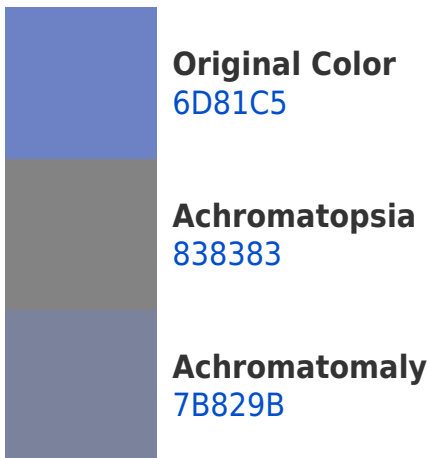


**Tritanopia**  
608B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D81C5 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 #6D81C5 looks like.

```
.text, #text, p{  
    color:#6D81C5  
}
```

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 #6D81C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D81C5
}
```

## Border

The CSS property to change the border of an element to Hex 6D81C5 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
#6D81C5 }
```

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

```
.border{ border-color:#6D81C5 }
```

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

Here you see how a box with a 4 pixel #6D81C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D81C5; -webkit-box-shadow:4px 4px  
4px 4px #6D81C5; box-shadow:4px 4px 4px  
4px #6D81C5 }
```

# Background

The CSS property to change the background color of an element to Hex 6D81C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D81C5 }
```

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

```
.background{ background-color:#6D81C5 }
```

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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