

Converting Colors

Hex(6C7DBF)

Have a look what the booklet for
Hex(6C7DBF) contains.

Hex(6C7DBF)	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(6C7DBF)

Conversions

Conversions Part 1

Format	Color
Hex	6C7DBF
RGB	108, 125, 191
RGB Percent	42%, 49%, 75%
CMY	0.5765, 0.5098, 0.2510
CMYK	0.43, 0.35, 0.00, 0.25
HSL	228°, 39%, 59%
HSV	228°, 43%, 75%
XYZ	22.9219, 21.6170, 52.2546
YIQ	127.4410, -31.3180, 16.9220

Conversions

Conversions Part 2

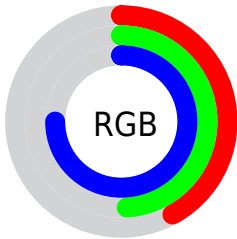
Format	Color
R _Y B	108, 122, 191
Decimal	7110079
CIE Lab	53.62, 11.15, -36.55
CIE LCh	54, 38.216, 286.958
Yxy	21.6170, 0.2368, 0.2233
Android (android.graphics.Color)	4285300159 (0xFF6C7DBF)
YUV	127.4410, 31.3346, -17.0498
Hunter-Lab	46.4940, 6.6373, -34.0901

Details

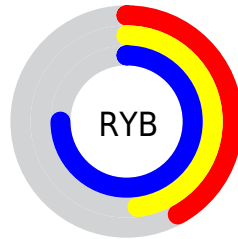
The Hex color **6C7DBF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BFAE6C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A3B1F8**, and **364C89** is the 20% darker color. If you saturate the color by 10%, you get **596EBF**, and if you desaturate by 10%, it is **7F8CBF**.

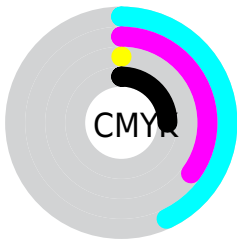
Distribution



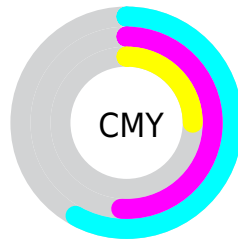
- Red (42%)
- Green (49%)
- Blue (75%)



- Red (42%)
- Yellow (48%)
- Blue (75%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C7DBF 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 6C7DBF by changing the saturation by 10% instead.

■ 6C7DBF

■ 6C7DBF

FFFFFF

■ 5164A4

■ A3B1F8

■ 364C89

■ BFCDFE

■ 18366F

■ DBE9FF

■ 002157

■ F9FFFF

■ 000A3F

■ 000328

■ 000112

■ 000000

■ 6C7DBF

■ 6C7DBF

■ 596EBF

■ 7F8CBF

■ 465FBF

■ 929BBF

■ 334FBF

■ A5ABBF

■ 2040BF

■ B8BABF

■ 0C31BF

■ CBC9BF

■ 0027BF

■ DFD8BF

■ F2E7BF

■ FFF7BF

■ FFFFBF

Harmonies

Analogous

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



1F88C0



6C7DBF



9B70AD

Triad

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



6C7DBF



B66D51



289070

Complementary

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



6C7DBF



BFAE6C

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.



5C8C52



6C7DBF



A1793F

Square

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



6C7DBF



BF666F



82843F



009192

Rectangle

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



6C7DBF



AF699B



82843F



3D8F65

Sweetspot

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



6C7DBF



D7DEF7



6CBFAD



696D7D



FCFCFC



7D7D7D

Same Dimension

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



6C7DBF



7791F7



846CBF



55575E



00209E



00061F

Inverse Universe

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



BF6C7D



F77791



A7BF6C



5E5557



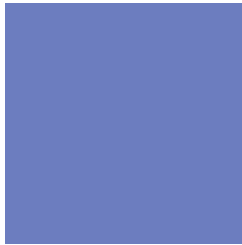
9E0020



1F0006

Previews

White Background



This preview shows how the Hex color 6C7DBF looks on a white background.

Color Contrast Check

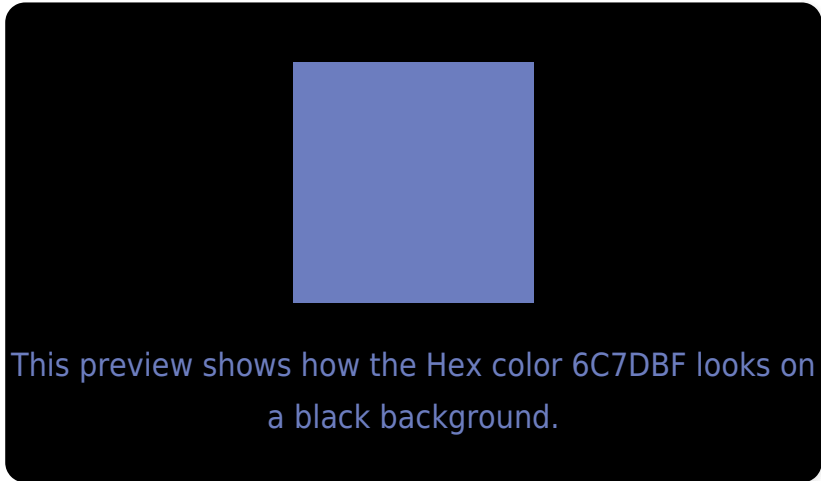
Large Text (above 18pt) WCAG AA ✓ Pass

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

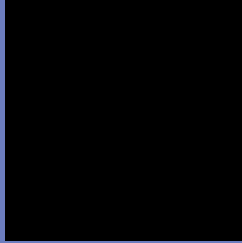
Any Text WCAG AA ✓ Pass

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 6C7DBF Background



This preview shows how black text looks on a background with the Hex color 6C7DBF.



This preview shows how white text looks on a background with the Hex color 6C7DBF.

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
6C7DBF

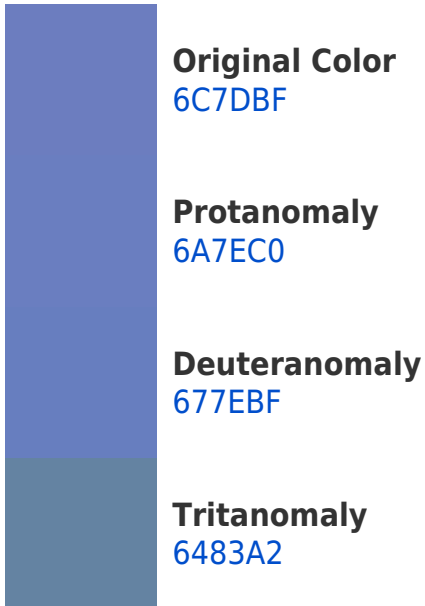
Protanopia
697EC0

Deuteranopia
647FBF



Tritanopia
608691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C7DBF 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 #6C7DBF looks like.

```
.text, #text, p{  
    color:#6C7DBF  
}
```

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 #6C7DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7DBF
}
```

Border

The CSS property to change the border of an element to Hex 6C7DBF 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
#6C7DBF }
```

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

```
.border{ border-color:#6C7DBF }
```

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

Here you see how a box with a 4 pixel #6C7DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7DBF; -webkit-box-shadow:4px 4px  
4px 4px #6C7DBF; box-shadow:4px 4px 4px  
4px #6C7DBF }
```

Background

The CSS property to change the background color of an element to Hex 6C7DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7DBF }
```

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

```
.background{ background-color:#6C7DBF }
```

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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