

Converting Colors

Hex(6D8CE0)

Have a look what the booklet for
Hex(6D8CE0) contains.

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Color

Hex(6D8CE0)

Conversions

Conversions Part 1

Format	Color
Hex	6D8CE0
RGB	109, 140, 224
RGB Percent	43%, 55%, 88%
CMY	0.5725, 0.4510, 0.1216
CMYK	0.51, 0.37, 0.00, 0.12
HSL	224°, 65%, 65%
HSV	224°, 51%, 88%
XYZ	29.1393, 27.3892, 74.2718
YIQ	140.3070, -45.4400, 19.5520

Conversions

Conversions Part 2

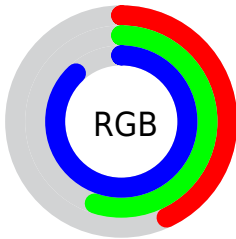
Format	Color
RYB	109, 133, 224
Decimal	7179488
CIELab	59.33, 12.43, -46.17
CIELCh	59, 47.817, 285.073
Yxy	27.3892, 0.2228, 0.2094
Android (android.graphics.Color)	4285369568 (0xFF6D8CE0)
YUV	140.3070, 41.2606, -27.4562
Hunter-Lab	52.3347, 7.8009, -47.5083

Details

The Hex color **6D8CE0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E0C16D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A6C1FF**, and **305AA8** is the 20% darker color. If you saturate the color by 10%, you get **577CE0**, and if you desaturate by 10%, it is **839CE0**.

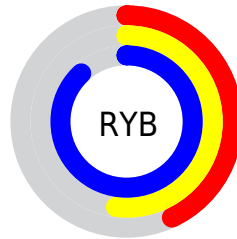
Distribution



Red (43%)

Green (55%)

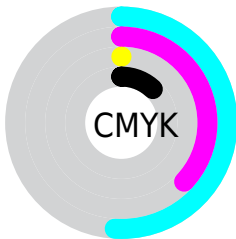
Blue (88%)



Red (43%)

Yellow (52%)

Blue (88%)

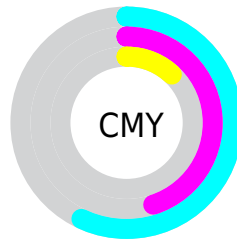


Cyan (51%)

Magenta (37%)

Yellow (0%)

Black (12%)



Cyan (57%)

Magenta (45%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D8CE0 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 6D8CE0 by changing the saturation by 10% instead.

 6D8CE0

 6D8CE0

FFFFFF

 5073C4

 A6C1FF

 305AA8

 C3DDFF

 00438D

 E1FAFF

 002E73

 001A5A

 000042

 00032B

 000116

 000000

 6D8CE0

 6D8CE0

 577CE0

 839CE0

 406BE0

 9AADE0

 2A5BE0

 B0BDE0

 134BE0

 C7CDE0

 003CE0

 DDDEE0

 F3EEE0

 FFFFE0

Harmonies

Analogous

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



0099E0



6D8CE0



AD7BCB

Triad

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



6D8CE0



D37555



03A378

Complementary

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



6D8CE0



E0C16D

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.



639D51



6D8CE0



B9853C

Square

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



6D8CE0



DD6B7B



929339



00A4A3

Rectangle

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



6D8CE0



C871B3



929339



37A16A

Sweetspot

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



6D8CE0



D9E3FF



6DE0BF



696F80



000000



808080

Same Dimension

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



6D8CE0



618CFF



866DE0



656870



002FB0



000D30

Inverse Universe

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



E06D8C



FF618C



C7E06D



706568



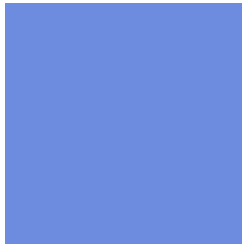
B0002F



30000D

Previews

White Background



This preview shows how the Hex color 6D8CE0 looks on a white background.

Color Contrast Check

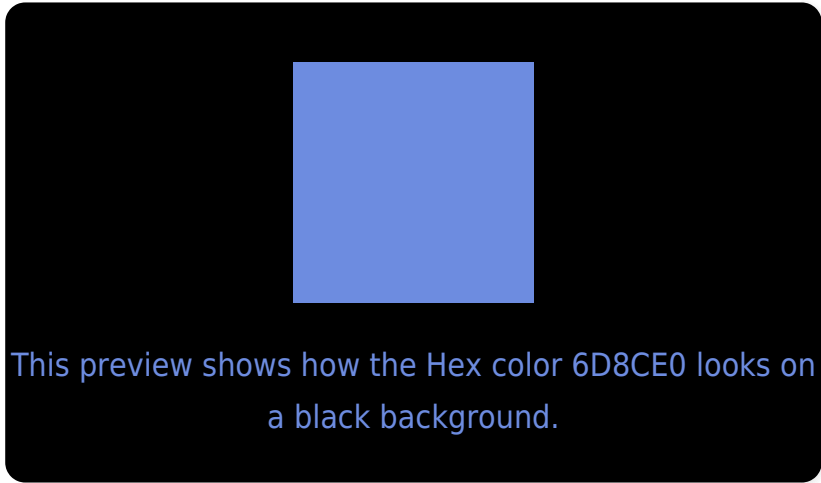
Large Text (above 18pt) WCAG AA ✓ Pass

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

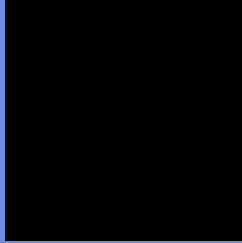
Any Text WCAG AA ✓ Pass

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 6D8CE0 Background



This preview shows how black text looks on a background with the Hex color 6D8CE0.



This preview shows how white text looks on a background with the Hex color 6D8CE0.

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
6D8CE0

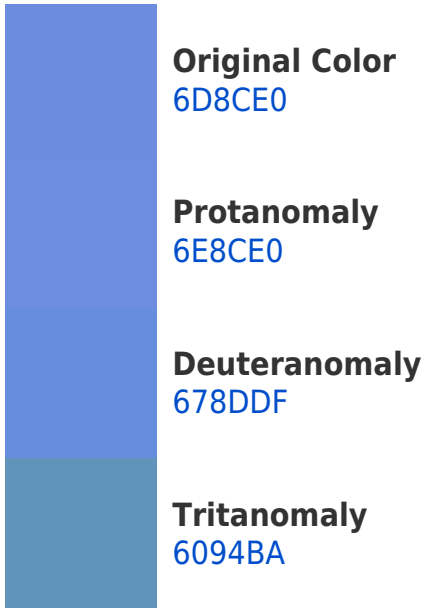
Protanopia
6F8CE0

Deuteranopia
638EDF

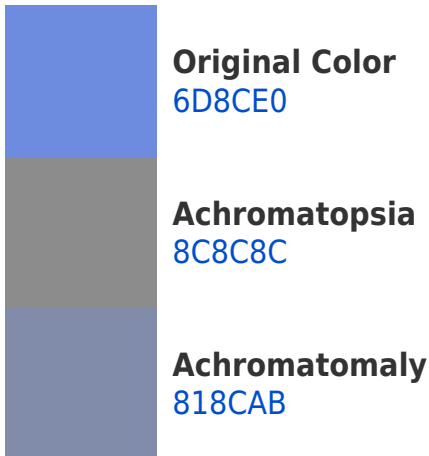


Tritanopia
5998A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D8CE0 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 #6D8CE0 looks like.

```
.text, #text, p{  
    color:#6D8CE0  
}
```

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 #6D8CE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8CE0  
}
```

Border

The CSS property to change the border of an element to Hex 6D8CE0 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  
#6D8CE0 }
```

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

```
.border{ border-color:#6D8CE0 }
```

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

Here you see how a box with a 4 pixel #6D8CE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8CE0; -webkit-box-shadow:4px 4px  
4px 4px #6D8CE0; box-shadow:4px 4px 4px  
4px #6D8CE0 }
```

Background

The CSS property to change the background color of an element to Hex 6D8CE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8CE0 }
```

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

```
.background{ background-color:#6D8CE0 }
```

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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