

Converting Colors

Hex(6D8ED4)

Have a look what the booklet for
Hex(6D8ED4) contains.

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Color

Hex(6D8ED4)

Conversions

Conversions Part 1

Format	Color
Hex	6D8ED4
RGB	109, 142, 212
RGB Percent	43%, 56%, 83%
CMY	0.5725, 0.4431, 0.1686
CMYK	0.49, 0.33, 0.00, 0.17
HSL	221°, 54%, 63%
HSV	221°, 49%, 83%
XYZ	27.8633, 27.3507, 66.0980
YIQ	140.1130, -42.1380, 14.7740

Conversions

Conversions Part 2

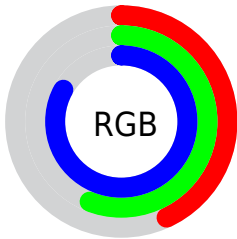
Format	Color
R _Y B	109, 134, 212
Decimal	7179988
CIE Lab	59.30, 7.59, -39.52
CIE LCh	59, 40.244, 280.874
Yxy	27.3507, 0.2297, 0.2255
Android (android.graphics.Color)	4285370068 (0xFF6D8ED4)
YUV	140.1130, 35.4403, -27.2861
Hunter-Lab	52.2979, 3.5802, -38.3267

Details

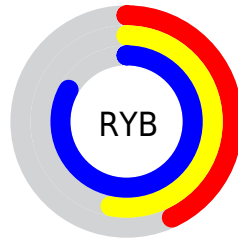
The Hex color **6D8ED4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4B36D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A5C3FF**, and **335C9D** is the 20% darker color. If you saturate the color by 10%, you get **5880D4**, and if you desaturate by 10%, it is **829CD4**.

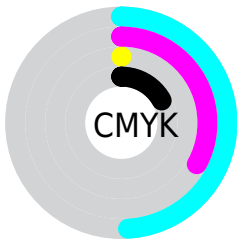
Distribution



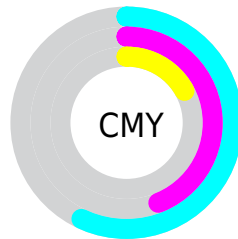
- Red (43%)
- Green (56%)
- Blue (83%)



- Red (43%)
- Yellow (53%)
- Blue (83%)



- Cyan (49%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (57%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D8ED4 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 6D8ED4 by changing the saturation by 10% instead.

■ 6D8ED4

■ 6D8ED4

FFFFFF

■ 5175B8

■ A5C3FF

■ 335C9D

■ C2DFFF

■ 0C4583

■ DFFCFF

■ 002F69

FDFFFF

■ 001B50

■ 000239

■ 000223

■ 000009

■ 000000

■ 6D8ED4

■ 6D8ED4

■ 5880D4

■ 829CD4

■ 4371D4

■ 97ABD4

■ 2D63D4

■ ADB9D4

■ 1854D4

■ C2C8D4

■ 0346D4

■ D7D6D4

■ 0044D4

■ ECE4D4

■ FFF3D4

■ FFFFD4

Harmonies

Analogous

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



0899D1



6D8ED4



A381C4

Triad

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



6D8ED4



CC7962



409F76

Complementary

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



6D8ED4



D4B36D

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.



719A58



6D8ED4



B7854C

Square

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



6D8ED4



D27283



989147



00A19B

Rectangle

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



6D8ED4



BC78B2



989147



539E6B

Sweetspot

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



6D8ED4



D9E5FF



6DD4B2



697080



000000



808080

Same Dimension

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



6D8ED4



6B9AFF



7E6DD4



60646B



0037AB



000E2B

Inverse Universe

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



D46D8E



FF6B9A



C3D46D



6B6064



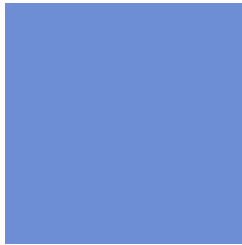
AB0037



2B000E

Previews

White Background



This preview shows how the Hex color 6D8ED4 looks on a white background.

Color Contrast Check

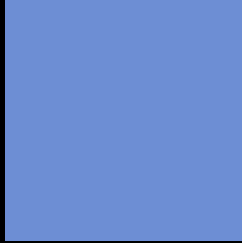
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D8ED4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

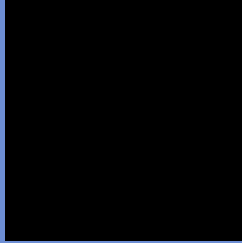
Any Text WCAG AA ✓ Pass

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 6D8ED4 Background



This preview shows how black text looks on a background with the Hex color 6D8ED4.

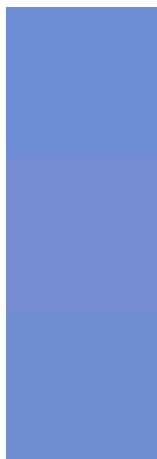


This preview shows how white text looks on a background with the Hex color 6D8ED4.

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

6D8ED4

Protanopia

778CD2

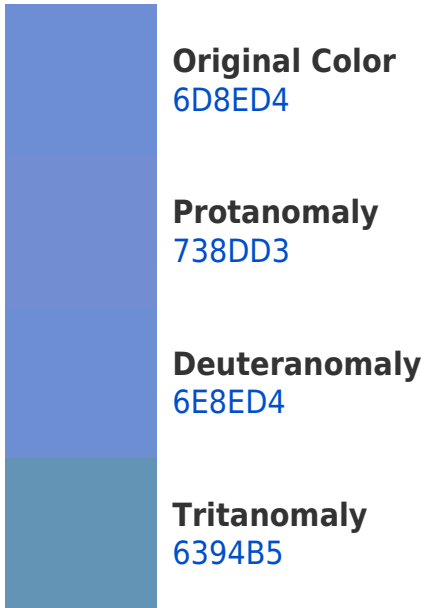
Deuteranopia

6F8ED4

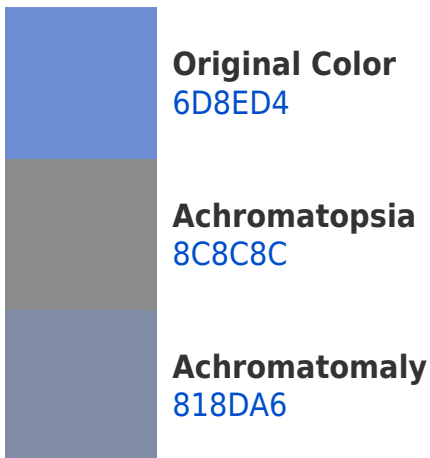


Tritanopia
5E98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D8ED4 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 #6D8ED4 looks like.

```
.text, #text, p{  
    color:#6D8ED4  
}
```

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 #6D8ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8ED4
}
```

Border

The CSS property to change the border of an element to Hex 6D8ED4 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
#6D8ED4 }
```

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

```
.border{ border-color:#6D8ED4 }
```

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

Here you see how a box with a 4 pixel #6D8ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8ED4; -webkit-box-shadow:4px 4px  
4px 4px #6D8ED4; box-shadow:4px 4px 4px  
4px #6D8ED4 }
```

Background

The CSS property to change the background color of an element to Hex 6D8ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8ED4 }
```

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

```
.background{ background-color:#6D8ED4 }
```

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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