

Converting Colors

Hex(6E84D4)

Have a look what the booklet for
Hex(6E84D4) contains.

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Color

Hex(6E84D4)

Conversions

Conversions Part 1

Format	Color
Hex	6E84D4
RGB	110, 132, 212
RGB Percent	43%, 52%, 83%
CMY	0.5686, 0.4824, 0.1686
CMYK	0.48, 0.38, 0.00, 0.17
HSL	227°, 54%, 63%
HSV	227°, 48%, 83%
XYZ	26.5653, 24.5710, 65.6299
YIQ	134.5420, -38.7920, 20.2160

Conversions

Conversions Part 2

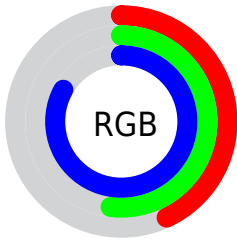
Format	Color
R_{YB}	110, 128, 212
Decimal	7242964
CIE Lab	56.66, 13.74, -43.68
CIE LCh	57, 45.788, 287.465
Yxy	24.5710, 0.2275, 0.2104
Android (android.graphics.Color)	4285433044 (0xFF6E84D4)
YUV	134.5420, 38.1868, -21.5233
Hunter-Lab	49.5691, 8.9166, -43.8020

Details

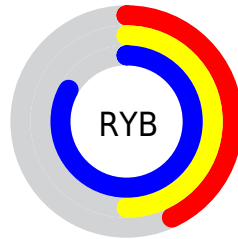
The Hex color **6E84D4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D4BE6E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A6B9FF**, and **34539D** is the 20% darker color. If you saturate the color by 10%, you get **5973D4**, and if you desaturate by 10%, it is **8395D4**.

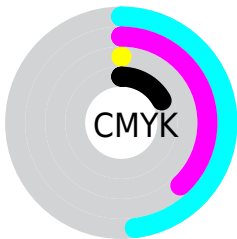
Distribution



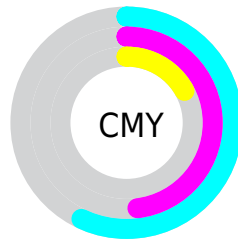
- Red (43%)
- Green (52%)
- Blue (83%)



- Red (43%)
- Yellow (50%)
- Blue (83%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (57%)
- Magenta (48%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E84D4 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 6E84D4 by changing the saturation by 10% instead.

■ 6E84D4

■ 6E84D4

FFFFFF

■ 526BB8

■ A6B9FF

■ 34539D

■ C3D4FF

■ 0E3C82

■ E0F1FF

■ 002769

FEFFFF

■ 001450

■ 000539

■ 000222

■ 000008

■ 000000

 6E84D4

 6E84D4

 5973D4

 8395D4

 4463D4

 98A5D4

 2E52D4

 AEB6D4

 1941D4

 C3C7D4

 0431D4

 D8D7D4

 002ED4

 EDE8D4

 FFF8D4

 FFFFD4

Harmonies

Analogous

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



0091D5



6E84D4



A874BE

Triad

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



6E84D4



C8714F



009B75

Complementary

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



6E84D4



D4BE6E

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.



5A9650



6E84D4



AD8038

Square

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



6E84D4



D26672



888D38



009C9F

Rectangle

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



6E84D4



C16BA7



888D38



2E9A68

Sweetspot

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



6E84D4



DBE3FF



6ED4BE



6A6F80



000000



808080

Same Dimension

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



6E84D4



6B8BFF



8B6ED4



60636B



0025AB



00092B

Inverse Universe

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



D46E84



FF6B8B



B7D46E



6B6063



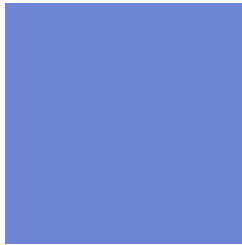
AB0025



2B0009

Previews

White Background



This preview shows how the Hex color 6E84D4 looks on a white background.

Color Contrast Check

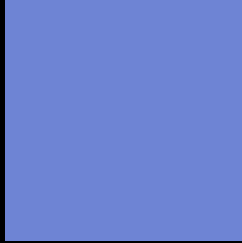
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E84D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

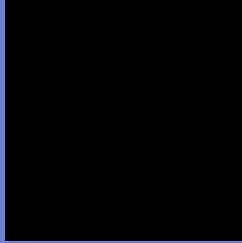
Any Text WCAG AA ✓ Pass

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 6E84D4 Background



This preview shows how black text looks on a background with the Hex color 6E84D4.

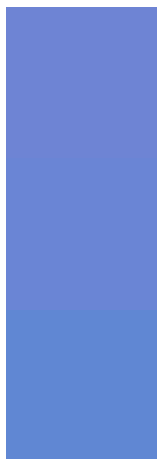


This preview shows how white text looks on a background with the Hex color 6E84D4.

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](#).

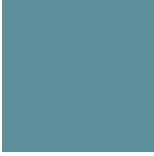
Dichromacy



Original Color
6E84D4

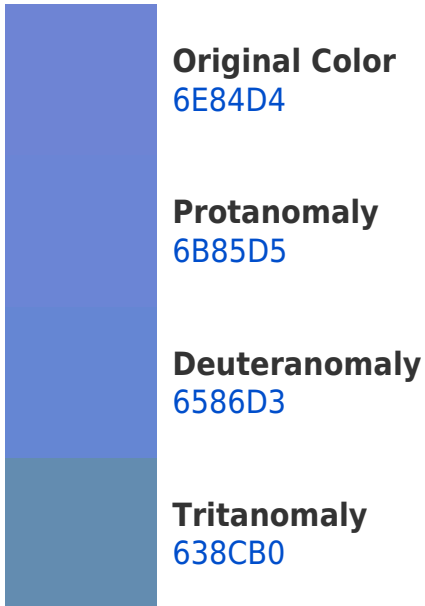
Protanopia
6A85D5

Deuteranopia
6087D3

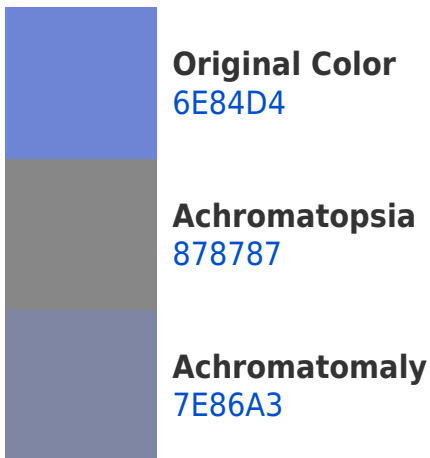


Tritanopia
5D909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E84D4 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 #6E84D4 looks like.

```
.text, #text, p{  
    color:#6E84D4  
}
```

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 #6E84D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E84D4
}
```

Border

The CSS property to change the border of an element to Hex 6E84D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

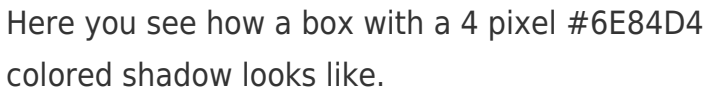
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E84D4 }
```

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

```
.border{ border-color:#6E84D4 }
```

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



Here you see how a box with a 4 pixel #6E84D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E84D4; -webkit-box-shadow:4px 4px  
4px 4px #6E84D4; box-shadow:4px 4px 4px  
4px #6E84D4 }
```

Background

The CSS property to change the background color of an element to Hex 6E84D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E84D4 }
```

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

```
.background{ background-color:#6E84D4 }
```

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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