

Converting Colors

Hex(6E84DE)

Have a look what the booklet for
Hex(6E84DE) contains.

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Color

Hex(6E84DE)

Conversions

Conversions Part 1

Format	Color
Hex	6E84DE
RGB	110, 132, 222
RGB Percent	43%, 52%, 87%
CMY	0.5686, 0.4824, 0.1294
CMYK	0.50, 0.41, 0.00, 0.13
HSL	228°, 63%, 65%
HSV	228°, 50%, 87%
XYZ	27.8665, 25.0915, 72.4817
YIQ	135.6820, -42.0020, 23.3260

Conversions

Conversions Part 2

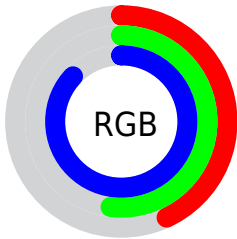
Format	Color
RYB	110, 128, 222
Decimal	7242974
CIELab	57.16, 16.80, -48.48
CIELCh	57, 51.312, 289.110
Yxy	25.0915, 0.2222, 0.2000
Android (android.graphics.Color)	4285433054 (0xFF6E84DE)
YUV	135.6820, 42.5548, -22.5231
Hunter-Lab	50.0914, 11.6420, -50.7280

Details

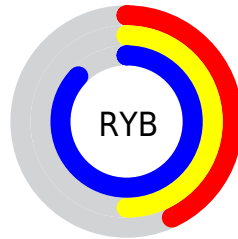
The Hex color **6E84DE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DEC86E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A7B9FF**, and **3253A6** is the 20% darker color. If you saturate the color by 10%, you get **5872DE**, and if you desaturate by 10%, it is **8496DE**.

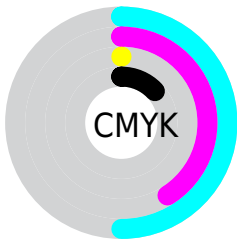
Distribution



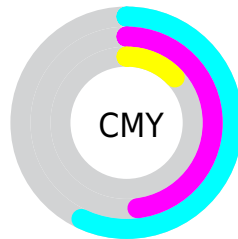
- Red (43%)
- Green (52%)
- Blue (87%)



- Red (43%)
- Yellow (50%)
- Blue (87%)



- Cyan (50%)
- Magenta (41%)
- Yellow (0%)
- Black (13%)



- Cyan (57%)
- Magenta (48%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E84DE 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 6E84DE by changing the saturation by 10% instead.

■ 6E84DE

■ 6E84DE

FFFFFF

■ 516BC2

■ A7B9FF

■ 3253A6

■ C4D4FF

■ 023C8B

■ E2F1FF

■ 002771

■ 001458

■ 000340

■ 000329

■ 000113

■ 000000

 6E84DE

 6E84DE

 5872DE

 8496DE

 4260DE

 9AA8DE

 2B4EDE

 B1BADE

 153DDE

 C7CBDE

 002CDE

 DDDDDDE

 F3EFDE

 FFFFDE

Harmonies

Analogous

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



0093E1



6E84DE



B071C4

Triad

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



6E84DE



CE7047



009E77

Complementary

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



6E84DE



DEC86E

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.



51994C



6E84DE



AF812D

Square

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



6E84DE



DC626E



86902E



009FA5

Rectangle

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



6E84DE



CA67AA



86902E



019D68

Sweetspot

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



6E84DE



D9E0FF



6EDECB



696D80



000000



808080

Same Dimension

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



6E84DE



6382FF



906EDE



656770



0023B0



000A30

Inverse Universe

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



DE6E84



FF6382



BCDE6E



706567



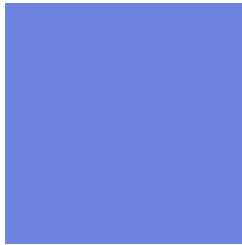
B00023



30000A

Previews

White Background



This preview shows how the Hex color 6E84DE looks on a white background.

Color Contrast Check

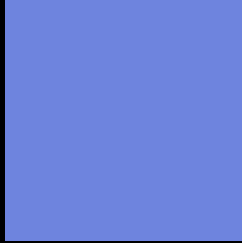
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E84DE 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 6E84DE Background



This preview shows how black text looks on a background with the Hex color 6E84DE.



This preview shows how white text looks on a background with the Hex color 6E84DE.

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](#).

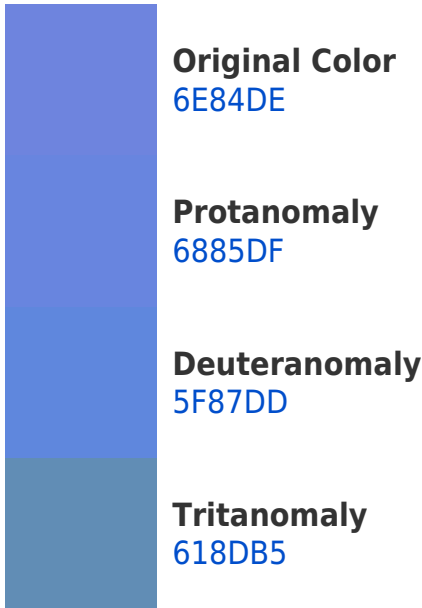
Dichromacy





Tritanopia
59929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E84DE 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 #6E84DE looks like.

```
.text, #text, p{  
    color:#6E84DE  
}
```

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 #6E84DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E84DE
}
```

Border

The CSS property to change the border of an element to Hex 6E84DE 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
#6E84DE }
```

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

```
.border{ border-color:#6E84DE }
```

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

Here you see how a box with a 4 pixel #6E84DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E84DE; -webkit-box-shadow:4px 4px  
4px 4px #6E84DE; box-shadow:4px 4px 4px  
4px #6E84DE }
```

Background

The CSS property to change the background color of an element to Hex 6E84DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E84DE }
```

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

```
.background{ background-color:#6E84DE }
```

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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