

Converting Colors

Hex(6F86E5)

Have a look what the booklet for
Hex(6F86E5) contains.

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Color

Hex(6F86E5)

Conversions

Conversions Part 1

Format	Color
Hex	6F86E5
RGB	111, 134, 229
RGB Percent	44%, 53%, 90%
CMY	0.5647, 0.4745, 0.1020
CMYK	0.52, 0.41, 0.00, 0.10
HSL	228°, 69%, 67%
HSV	228°, 52%, 90%
XYZ	29.2235, 26.0868, 77.6238
YIQ	137.9530, -44.2030, 24.6690

Conversions

Conversions Part 2

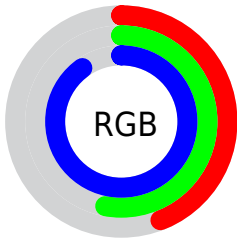
Format	Color
R _Y B	111, 130, 229
Decimal	7309029
CIE Lab	58.12, 17.99, -50.87
CIE LCh	58, 53.961, 289.474
Yxy	26.0868, 0.2198, 0.1962
Android (android.graphics.Color)	4285499109 (0xFF6F86E5)
YUV	137.9530, 44.8862, -23.6378
Hunter-Lab	51.0753, 12.7497, -54.3557

Details

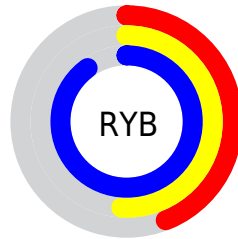
The Hex color **6F86E5** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E5CE6F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A9BBFF**, and **3255AD** is the 20% darker color. If you saturate the color by 10%, you get **5874E5**, and if you desaturate by 10%, it is **8698E5**.

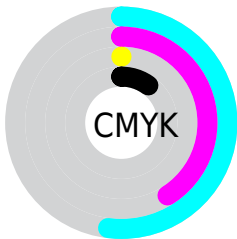
Distribution



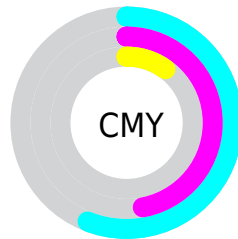
- Red (44%)
- Green (53%)
- Blue (90%)



- Red (44%)
- Yellow (51%)
- Blue (90%)



- Cyan (52%)
- Magenta (41%)
- Yellow (0%)
- Black (10%)



- Cyan (56%)
- Magenta (47%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F86E5 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 6F86E5 by changing the saturation by 10% instead.

■ 6F86E5

■ 6F86E5

FFFFFF

■ 526DC9

■ A9BBFF

■ 3255AD

■ C6D7FF

■ 003E92

■ E4F3FF

■ 002978

■ 00165E

■ 000046

■ 00042F

■ 000119

■ 000000

 6F86E5

 6F86E5

 5874E5


 8698E5

 4161E5

 9DABE5

 2A4FE5

 B4BDE5

 133CE5

 CBD0E5

 002DE5

 E2E2E5

 F8F5E5

 FFFFE5

Harmonies

Analogous

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



0096E8



6F86E5



B572CA

Triad

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



6F86E5



D37145



00A279

Complementary

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



6F86E5



E5CE6F

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.



4E9C4B



6F86E5



B38329

Square

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



6F86E5



E2626F



87932B



00A3AA

Rectangle

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



6F86E5



D066AE



87932B



00A069

Sweetspot

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



6F86E5



D9E0FF



6FE5CD



696D80



000000



808080

Same Dimension

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



6F86E5



6180FF



926FE5



676A73



0023B3



000A33

Inverse Universe

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



E56F86



FF6180



C2E56F



73676A



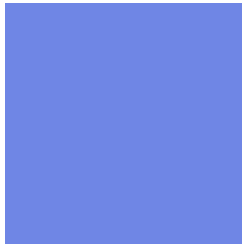
B30023



33000A

Previews

White Background



This preview shows how the Hex color 6F86E5 looks on a white background.

Color Contrast Check

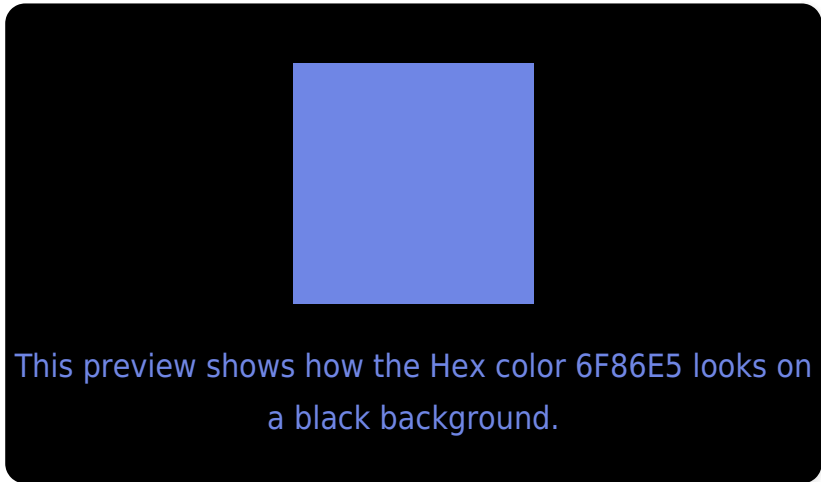
Large Text (above 18pt) WCAG AA ✓ Pass

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

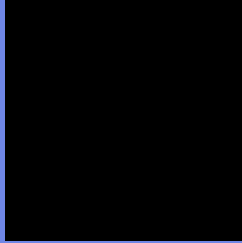
Any Text WCAG AA ✓ Pass

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 6F86E5 Background



This preview shows how black text looks on a background with the Hex color 6F86E5.



This preview shows how white text looks on a background with the Hex color 6F86E5.

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](#).

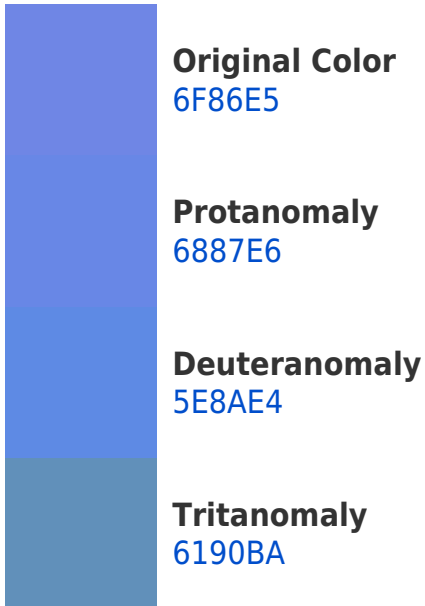
Dichromacy



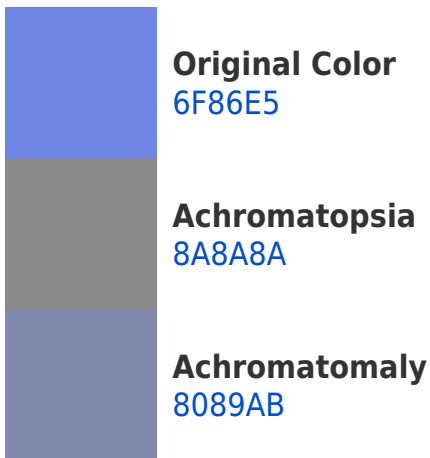


Tritanopia
5995A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F86E5 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 #6F86E5 looks like.

```
.text, #text, p{  
    color:#6F86E5  
}
```

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 #6F86E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F86E5
}
```

Border

The CSS property to change the border of an element to Hex 6F86E5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

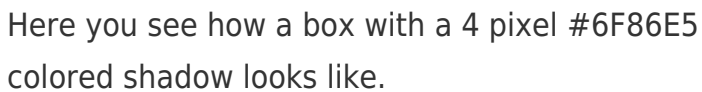
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F86E5 }
```

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

```
.border{ border-color:#6F86E5 }
```

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



Here you see how a box with a 4 pixel #6F86E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F86E5; -webkit-box-shadow:4px 4px  
4px 4px #6F86E5; box-shadow:4px 4px 4px  
4px #6F86E5 }
```

Background

The CSS property to change the background color of an element to Hex 6F86E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F86E5 }
```

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

```
.background{ background-color:#6F86E5 }
```

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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