

Converting Colors

Hex(6E95E0)

Have a look what the booklet for
Hex(6E95E0) contains.

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Color

Hex(6E95E0)

Conversions

Conversions Part 1

Format	Color
Hex	6E95E0
RGB	110, 149, 224
RGB Percent	43%, 58%, 88%
CMY	0.5686, 0.4157, 0.1216
CMYK	0.51, 0.33, 0.00, 0.12
HSL	219°, 65%, 65%
HSV	219°, 51%, 88%
XYZ	30.6324, 30.1917, 74.7341
YIQ	145.8890, -47.3190, 15.0570

Conversions

Conversions Part 2

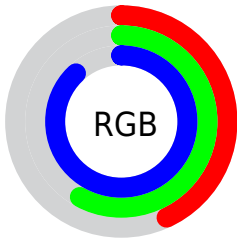
Format	Color
R _Y B	110, 139, 224
Decimal	7247328
CIE Lab	61.82, 7.38, -42.25
CIE LCh	62, 42.889, 279.908
Yxy	30.1917, 0.2260, 0.2227
Android (android.graphics.Color)	4285437408 (0xFF6E95E0)
YUV	145.8890, 38.5087, -31.4747
Hunter-Lab	54.9470, 3.3548, -42.1782

Details

The Hex color **6E95E0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E0B96E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A7CBFF**, and **3263A8** is the 20% darker color. If you saturate the color by 10%, you get **5886E0**, and if you desaturate by 10%, it is **84A4E0**.

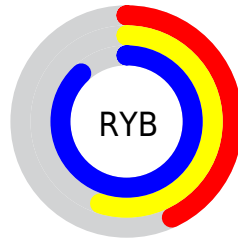
Distribution



Red (43%)

Green (58%)

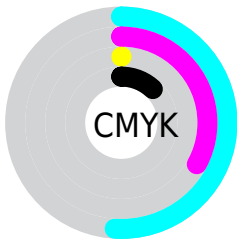
Blue (88%)



Red (43%)

Yellow (55%)

Blue (88%)

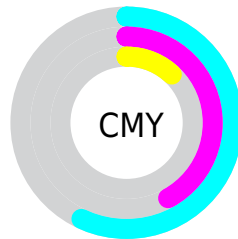


Cyan (51%)

Magenta (33%)

Yellow (0%)

Black (12%)



Cyan (57%)

Magenta (42%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6E95E0 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 6E95E0 by changing the saturation by 10% instead.

 6E95E0

 6E95E0

FFFFFF

 517BC4

 A7CBFF

 3263A8

 C4E7FF

 024B8E

 E1FFFF

 003574

 00215B

 000843

 00032C

 000116

 000000

■ 6E95E0

■ 6E95E0

■ 5886E0

■ 84A4E0

■ 4178E0

■ 9BB2E0

■ 2B69E0

■ B1C1E0

■ 145AE0

■ C8D0E0

■ 004DE0

■ DEDFE0

■ F4EDE0

■ FFFCE0

■ FFFFEO

Harmonies

Analogous

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



00A0DC



6E95E0



A987D0

Triad

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



6E95E0



D87D66



42A77A

Complementary

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



6E95E0



E0B96E

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.



77A159



6E95E0



C28A4E

Square

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



6E95E0



DD768A



A09748



00A9A1

Rectangle

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



6E95E0



C47DBC



A09748



56A66E

Sweetspot

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



6E95E0



D9E6FF



6EE0B8



697080



000000



808080

Same Dimension

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



6E95E0



6399FF



7F6EE0



656970



003CB0



001130

Inverse Universe

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



E06E95



FF6399



CFE06E



706569



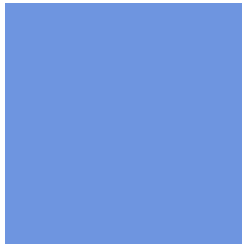
B0003C



300011

Previews

White Background



This preview shows how the Hex color 6E95E0 looks on a white background.

Color Contrast Check

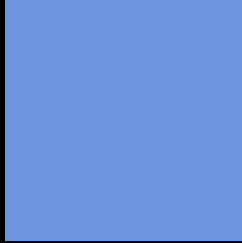
Large Text (above 18pt) WCAG AA × Fail

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 6E95E0 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

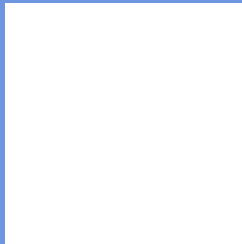
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6E95E0 Background



This preview shows how black text looks on a background with the Hex color 6E95E0.

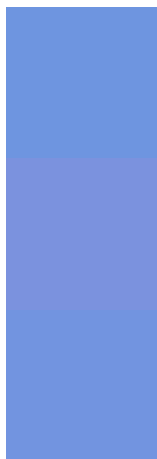


This preview shows how white text looks on a background with the Hex color 6E95E0.

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
6E95E0

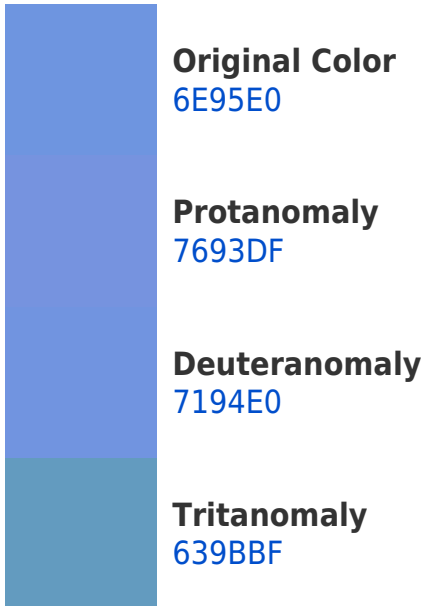
Protanopia
7B92DE

Deuteranopia
7294E0

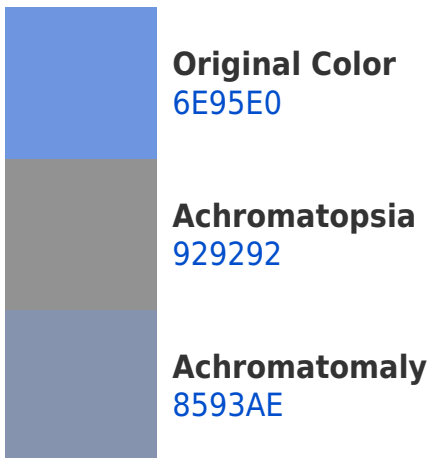


Tritanopia
5D9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E95E0 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 #6E95E0 looks like.

```
.text, #text, p{  
    color:#6E95E0  
}
```

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 #6E95E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E95E0  
}
```

Border

The CSS property to change the border of an element to Hex 6E95E0 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  
#6E95E0 }
```

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

```
.border{ border-color:#6E95E0 }
```

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

Here you see how a box with a 4 pixel #6E95E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E95E0; -webkit-box-shadow:4px 4px  
4px 4px #6E95E0; box-shadow:4px 4px 4px  
4px #6E95E0 }
```

Background

The CSS property to change the background color of an element to Hex 6E95E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E95E0 }
```

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

```
.background{ background-color:#6E95E0 }
```

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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