

Converting Colors

Hex(6080E1)

Have a look what the booklet for
Hex(6080E1) contains.

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Color

Hex(6080E1)

Conversions

Conversions Part 1

Format	Color
Hex	6080E1
RGB	96, 128, 225
RGB Percent	38%, 50%, 88%
CMY	0.6235, 0.4980, 0.1176
CMYK	0.57, 0.43, 0.00, 0.12
HSL	225°, 68%, 63%
HSV	225°, 57%, 88%
XYZ	26.1336, 23.3614, 74.3660
YIQ	129.4900, -50.2090, 23.3830

Conversions

Conversions Part 2

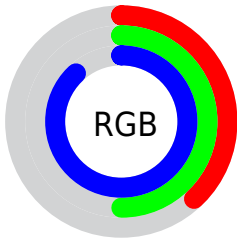
Format	Color
R_{YB}	96, 122, 225
Decimal	6324449
CIE _{Lab}	55.44, 17.19, -52.95
CIE _{LCh}	55, 55.673, 287.982
Yxy	23.3614, 0.2110, 0.1886
Android (android.graphics.Color)	4284514529 (0xFF6080E1)
YUV	129.4900, 47.0864, -29.3707
Hunter-Lab	48.3336, 11.9299, -57.3899

Details

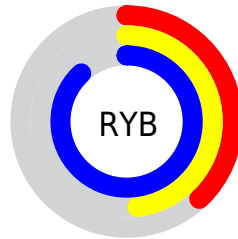
The Hex color **6080E1** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E1C160**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9BB4FF**, and **184FA9** is the 20% darker color. If you saturate the color by 10%, you get **496FE1**, and if you desaturate by 10%, it is **7691E1**.

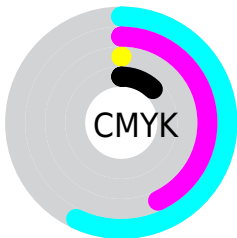
Distribution



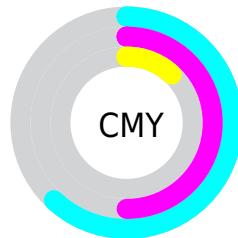
- Red (38%)
- Green (50%)
- Blue (88%)



- Red (38%)
- Yellow (48%)
- Blue (88%)



- Cyan (57%)
- Magenta (43%)
- Yellow (0%)
- Black (12%)



- Cyan (62%)
- Magenta (50%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6080E1 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 6080E1 by changing the saturation by 10% instead.

 6080E1

 6080E1

FFFFFF

 4167C5

 9BB4FF

 184FA9

 B8D0FF

 00398E

 D6ECFF

 002574

 F4FFFF

 00115B

 000742

 00032B

 000116

 000000

■ 6080E1

■ 6080E1

■ 496FE1

■ 7691E1

■ 335EE1

■ 8DA2E1

■ 1C4DE1

■ A3B3E1

■ 063CE1

■ BAC4E1

■ 0038E1

■ D1D5E1

■ E7E6E1

■ FEF6E1

■ FFFFE1

Harmonies

Analogous

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



0090E3



6080E1



AC6BC6

Triad

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



6080E1



CE683E



009B6F

Complementary

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



6080E1



E1C160

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.



489540



6080E1



AE7B1E

Square

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



6080E1



DC586A



828B1D



009CA1

Rectangle

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



6080E1



C95EAA



828B1D



00995F

Sweetspot

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



6080E1



D4DEFF



60E1C1



666C80



000000



808080

Same Dimension

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



6080E1



4F7BFF



8060E1



656870



002CB0



000C30

Inverse Universe

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



E16080



FF4F7B



C1E160



706568



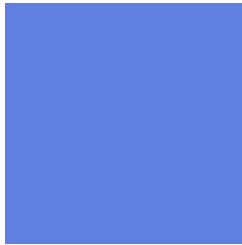
B0002C



30000C

Previews

White Background



This preview shows how the Hex color 6080E1 looks on a white background.

Color Contrast Check

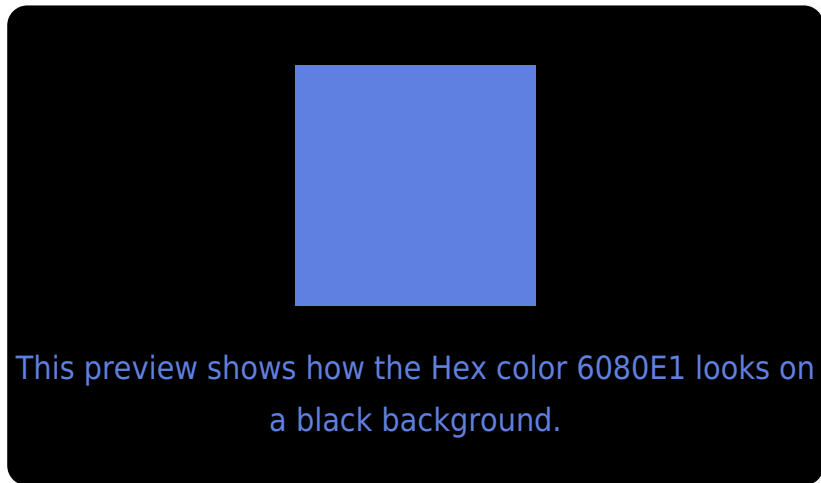
Large Text (above 18pt) WCAG AA ✓ Pass

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 6080E1 Background



This preview shows how black text looks on a background with the Hex color 6080E1.



This preview shows how white text looks on a background with the Hex color 6080E1.

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
6080E1

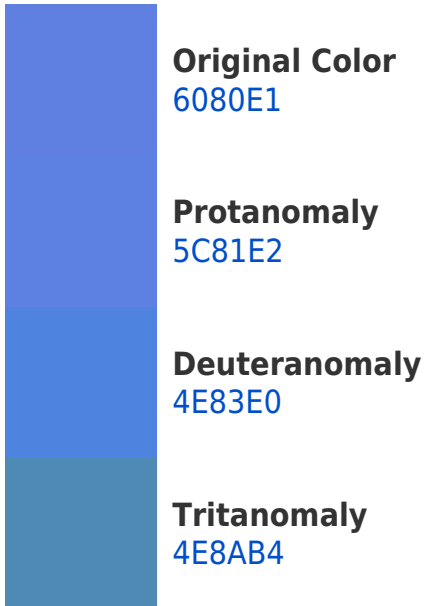
Protanopia
5A81E2

Deuteranopia
4385E0



Tritanopia
448F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6080E1 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 #6080E1 looks like.

```
.text, #text, p{  
    color:#6080E1  
}
```

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 #6080E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6080E1
}
```

Border

The CSS property to change the border of an element to Hex 6080E1 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
#6080E1 }
```

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

```
.border{ border-color:#6080E1 }
```

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

Here you see how a box with a 4 pixel #6080E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6080E1; -webkit-box-shadow:4px 4px  
4px 4px #6080E1; box-shadow:4px 4px 4px  
4px #6080E1 }
```

Background

The CSS property to change the background color of an element to Hex 6080E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6080E1 }
```

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

```
.background{ background-color:#6080E1 }
```

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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