

Converting Colors

Hex(6B9EE9)

Have a look what the booklet for
Hex(6B9EE9) contains.

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Color

Hex(6B9EE9)

Conversions

Conversions Part 1

Format	Color
Hex	6B9EE9
RGB	107, 158, 233
RGB Percent	42%, 62%, 91%
CMY	0.5804, 0.3804, 0.0863
CMYK	0.54, 0.32, 0.00, 0.09
HSL	216°, 74%, 67%
HSV	216°, 54%, 91%
XYZ	32.9982, 33.4627, 81.8105
YIQ	151.3010, -54.4710, 12.5130

Conversions

Conversions Part 2

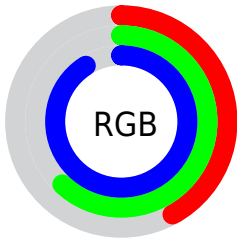
Format	Color
RYB	107, 143, 233
Decimal	7053033
CIELab	64.53, 4.29, -42.97
CIELCh	65, 43.184, 275.697
Yxy	33.4627, 0.2226, 0.2257
Android (android.graphics.Color)	4285243113 (0xFF6B9EE9)
YUV	151.3010, 40.2776, -38.8520
Hunter-Lab	57.8470, 0.5914, -43.3585

Details

The Hex color **6B9EE9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E9B66B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A5D4FF**, and **2B6BB1** is the 20% darker color. If you saturate the color by 10%, you get **5490E9**, and if you desaturate by 10%, it is **82ACE9**.

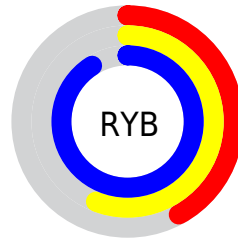
Distribution



Red (42%)

Green (62%)

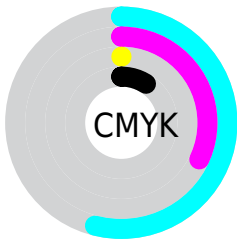
Blue (91%)



Red (42%)

Yellow (56%)

Blue (91%)

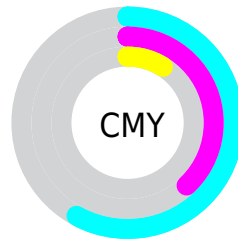


Cyan (54%)

Magenta (32%)

Yellow (0%)

Black (9%)



Cyan (58%)

Magenta (38%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B9EE9 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 6B9EE9 by changing the saturation by 10% instead.

■ 6B9EE9

■ 6B9EE9

FFFFFF

■ 4D84CD

■ A5D4FF

■ 2B6BB1

■ C3F1FF

■ 005396

■ E0FFFF

■ 003C7C

FEFFFF

■ 002762

■ 00134A

■ 000433

■ 00021D

■ 000000

■ 6B9EE9

■ 6B9EE9

■ 5490E9

■ 82ACE9

■ 3C82E9

■ 9ABAE9

■ 2574E9

■ B1C8E9

■ 0E67E9

■ C8D5E9

■ 005EE9

■ E0E3E9

■ F7F1E9

■ FFFFE9

Harmonies

Analogous

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



00A9E2



6B9EE9



AA90DB

Triad

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



6B9EE9



E28271



52AE7B

Complementary

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



6B9EE9



E9B66B

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.



84A75C



6B9EE9



CE8F56

Square

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



6B9EE9



E57D97



AD9D4E



00B1A3

Rectangle

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



6B9EE9



C786C8



AD9D4E



64AC70

Sweetspot

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



6B9EE9



D6E7FF



6BE9B5



677180



000000



808080

Same Dimension

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



6B9EE9



599CFF



766BE9



6A6E75



0049B5



001636

Inverse Universe

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



E96B9E



FF599C



DFE96B



756A6E



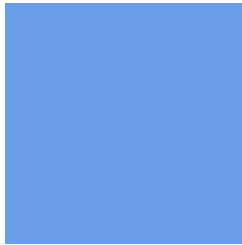
B50049



360016

Previews

White Background



This preview shows how the Hex color 6B9EE9 looks on a white background.

Color Contrast Check

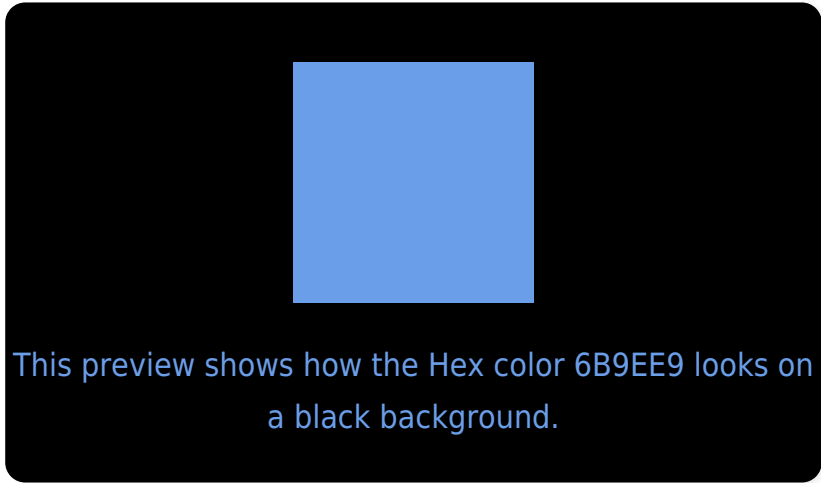
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

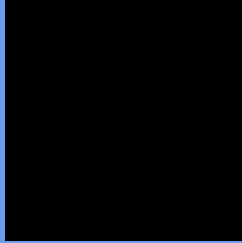
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

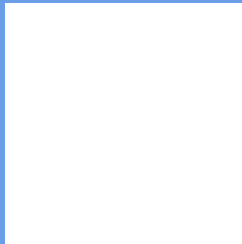
Any Text WCAG AAA ✓ Pass

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

Hex 6B9EE9 Background



This preview shows how black text looks on a background with the Hex color 6B9EE9.



This preview shows how white text looks on a background with the Hex color 6B9EE9.

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](#).

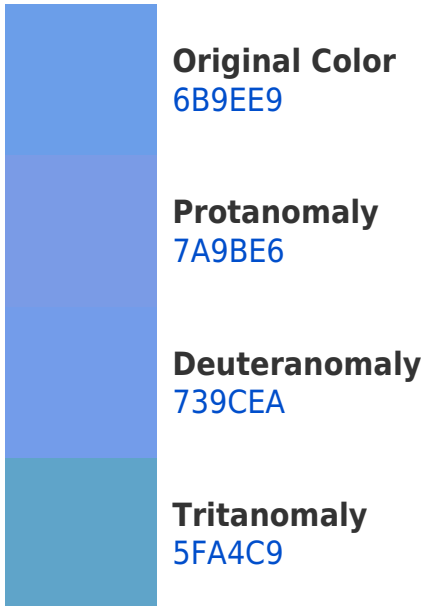
Dichromacy



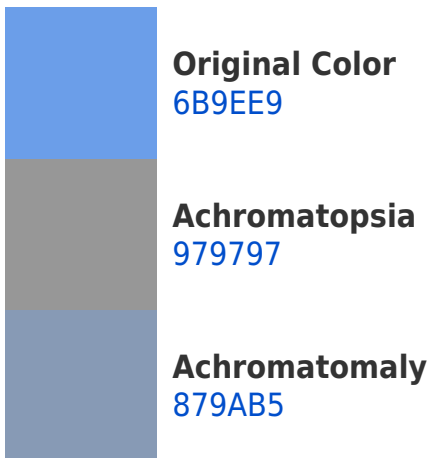


Tritanopia
58A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B9EE9 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 #6B9EE9 looks like.

```
.text, #text, p{  
    color:#6B9EE9  
}
```

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 #6B9EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9EE9
}
```

Border

The CSS property to change the border of an element to Hex 6B9EE9 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
#6B9EE9 }
```

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

```
.border{ border-color:#6B9EE9 }
```

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

Here you see how a box with a 4 pixel #6B9EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9EE9; -webkit-box-shadow:4px 4px  
4px 4px #6B9EE9; box-shadow:4px 4px 4px  
4px #6B9EE9 }
```

Background

The CSS property to change the background color of an element to Hex 6B9EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9EE9 }
```

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

```
.background{ background-color:#6B9EE9 }
```

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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