

Converting Colors

Hex(6A9CE6)

Have a look what the booklet for
Hex(6A9CE6) contains.

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Color

Hex(6A9CE6)

Conversions

Conversions Part 1

Format	Color
Hex	6A9CE6
RGB	106, 156, 230
RGB Percent	42%, 61%, 90%
CMY	0.5843, 0.3882, 0.0980
CMYK	0.54, 0.32, 0.00, 0.10
HSL	216°, 71%, 66%
HSV	216°, 54%, 90%
XYZ	32.1153, 32.5543, 79.4539
YIQ	149.4860, -53.5540, 12.4140

Conversions

Conversions Part 2

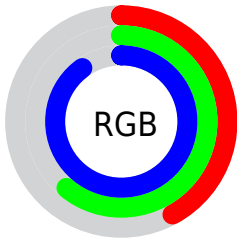
Format	Color
RYB	106, 142, 230
Decimal	6986982
CIELab	63.80, 4.29, -42.48
CIELCh	64, 42.692, 275.773
Yxy	32.5543, 0.2228, 0.2259
Android (android.graphics.Color)	4285177062 (0xFF6A9CE6)
YUV	149.4860, 39.6934, -38.1372
Hunter-Lab	57.0564, 0.6235, -42.6249

Details

The Hex color **6A9CE6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E6B46A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A4D2FF**, and **2A69AE** is the 20% darker color. If you saturate the color by 10%, you get **538EE6**, and if you desaturate by 10%, it is **81AAE6**.

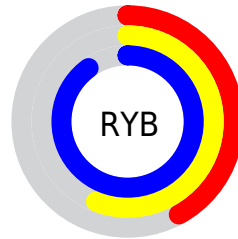
Distribution



Red (42%)

Green (61%)

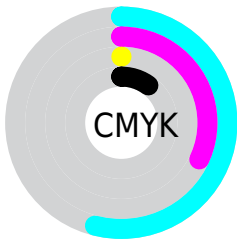
Blue (90%)



Red (42%)

Yellow (56%)

Blue (90%)

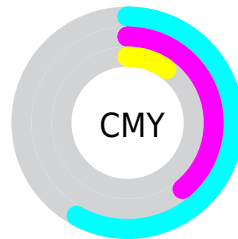


Cyan (54%)

Magenta (32%)

Yellow (0%)

Black (10%)



Cyan (58%)

Magenta (39%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A9CE6 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 6A9CE6 by changing the saturation by 10% instead.

■ 6A9CE6

■ 6A9CE6

FFFFFF

■ 4C82CA

■ A4D2FF

■ 2A69AE

■ C1EEFF

■ 005193

■ DFFFFF

■ 003B79

FDFFFF

■ 002660

■ 001148

■ 000430

■ 00011B

■ 000000

■ 6A9CE6

■ 6A9CE6

■ 538EE6

■ 81AAE6

■ 3C81E6

■ 98B7E6

■ 2573E6

■ AFC5E6

■ 0E65E6

■ C6D3E6

■ 005DE6

■ DDE1E6

■ F4EEE6

■ FFFCE6

■ FFFF6E

Harmonies

Analogous

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



00A7DF



6A9CE6



A88ED8

Triad

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



6A9CE6



DF8170



51AC7A

Complementary

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



6A9CE6



E6B46A

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.



83A55B



6A9CE6



CB8D55

Square

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



6A9CE6



E27B95



AB9B4D



00AEA1

Rectangle

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



6A9CE6



C584C6



AB9B4D



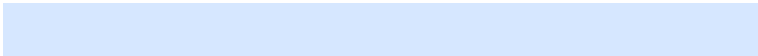
63AA6E

Sweetspot

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



6A9CE6



D6E7FF



6AE6B2



677180



000000



808080

Same Dimension

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



6A9CE6



599CFF



746AE6



676C73



0048B3



001533

Inverse Universe

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



E66A9C



FF599C



DCE66A



73676C



B30048



330015

Previews

White Background



This preview shows how the Hex color 6A9CE6 looks on a white background.

Color Contrast Check

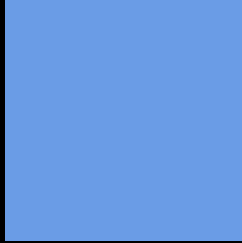
Large Text (above 18pt) WCAG AA × Fail

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 6A9CE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

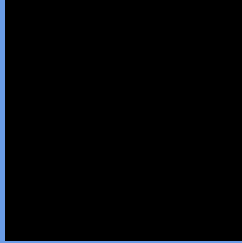
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

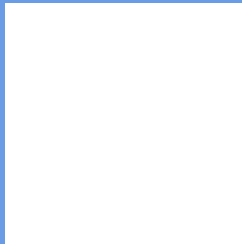
Any Text WCAG AAA ✓ Pass

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

Hex 6A9CE6 Background



This preview shows how black text looks on a background with the Hex color 6A9CE6.



This preview shows how white text looks on a background with the Hex color 6A9CE6.

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](#).

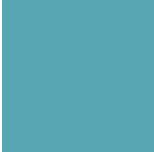
Dichromacy



Original Color
6A9CE6

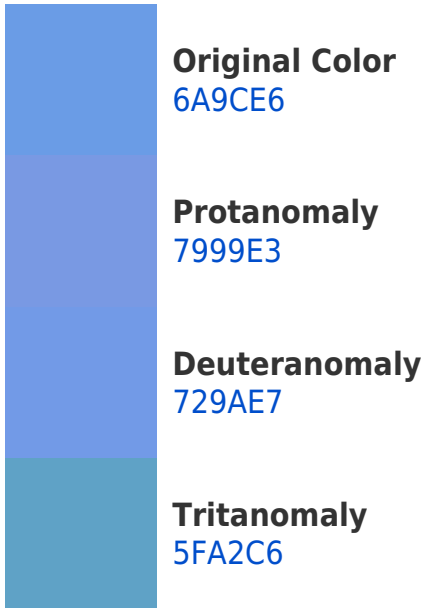
Protanopia
8197E2

Deuteranopia
7799E7

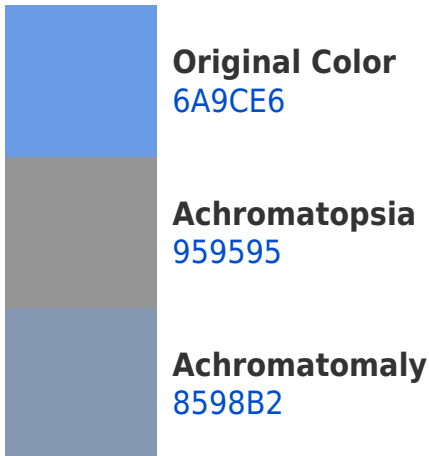


Tritanopia
58A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A9CE6 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 #6A9CE6 looks like.

```
.text, #text, p{  
    color:#6A9CE6  
}
```

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 #6A9CE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9CE6
}
```

Border

The CSS property to change the border of an element to Hex 6A9CE6 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
#6A9CE6 }
```

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

```
.border{ border-color:#6A9CE6 }
```

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

Here you see how a box with a 4 pixel #6A9CE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9CE6; -webkit-box-shadow:4px 4px  
4px 4px #6A9CE6; box-shadow:4px 4px 4px  
4px #6A9CE6 }
```

Background

The CSS property to change the background color of an element to Hex 6A9CE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9CE6 }
```

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

```
.background{ background-color:#6A9CE6 }
```

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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