

Converting Colors

Hex(6A8DEB)

Have a look what the booklet for
Hex(6A8DEB) contains.

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Color

Hex(6A8DEB)

Conversions

Conversions Part 1

Format	Color
Hex	6A8DEB
RGB	106, 141, 235
RGB Percent	42%, 55%, 92%
CMY	0.5843, 0.4471, 0.0784
CMYK	0.55, 0.40, 0.00, 0.08
HSL	224°, 76%, 67%
HSV	224°, 55%, 92%
XYZ	30.4641, 28.1121, 82.4178
YIQ	141.2510, -51.0340, 21.8140

Conversions

Conversions Part 2

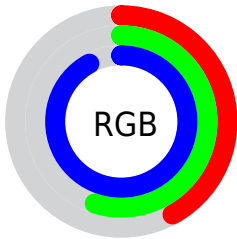
Format	Color
RYB	106, 134, 235
Decimal	6983147
CIELab	59.99, 14.64, -51.25
CIELCh	60, 53.303, 285.938
Yxy	28.1121, 0.2161, 0.1994
Android (android.graphics.Color)	4285173227 (0xFF6A8DEB)
YUV	141.2510, 46.2183, -30.9151
Hunter-Lab	53.0208, 9.7741, -55.0483

Details

The Hex color **6A8DEB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EBC86A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A5C2FF**, and **285BB3** is the 20% darker color. If you saturate the color by 10%, you get **527CEB**, and if you desaturate by 10%, it is **829EEB**.

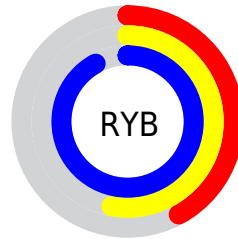
Distribution



Red (42%)

Green (55%)

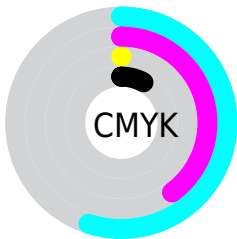
Blue (92%)



Red (42%)

Yellow (53%)

Blue (92%)

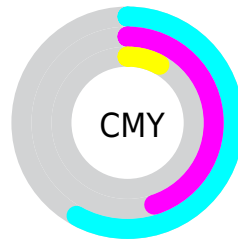


Cyan (55%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8DEB 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 6A8DEB by changing the saturation by 10% instead.

 6A8DEB

 6A8DEB

FFFFFF

 4B74CE

 A5C2FF

 285BB3

 C2DEFF

 004497

 E0FBFF

 002F7D

FEFFFF

 001B63

 00004B

 000433

 00021D

 000000

■ 6A8DEB

■ 6A8DEB

■ 527CEB

■ 829EEB

■ 3B6BEB

■ 99AFEB

■ 235AEB

■ B1C0EB

■ 0C49EB

■ C8D1EB

■ 0040EB

■ DFE3EB

■ F7F4EB

■ FFFFEB

Harmonies

Analogous

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



009CEB



6A8DEB



B37AD2

Triad

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



6A8DEB



DB744F



00A678

Complementary

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



6A8DEB



EBC86A

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.



5CA04C



6A8DEB



BD8631

Square

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



6A8DEB



E76779



92962F



00A8A9

Rectangle

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



6A8DEB



D16EB8



92962F



1FA568

Sweetspot

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



6A8DEB



D6E1FF



6AEBC6



676E80



000000



808080

Same Dimension

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



6A8DEB



5784FF



866AEB



6A6D75



0031B5



000F36

Inverse Universe

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



EB6A8D



FF5784



CFEB6A



756A6D



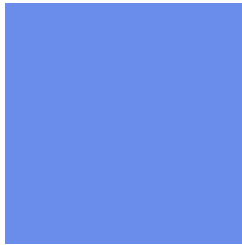
B50031



36000F

Previews

White Background



This preview shows how the Hex color 6A8DEB looks on a white background.

Color Contrast Check

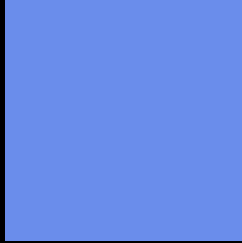
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6A8DEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

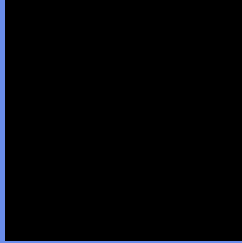
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 6A8DEB Background



This preview shows how black text looks on a background with the Hex color 6A8DEB.



This preview shows how white text looks on a background with the Hex color 6A8DEB.

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](#).

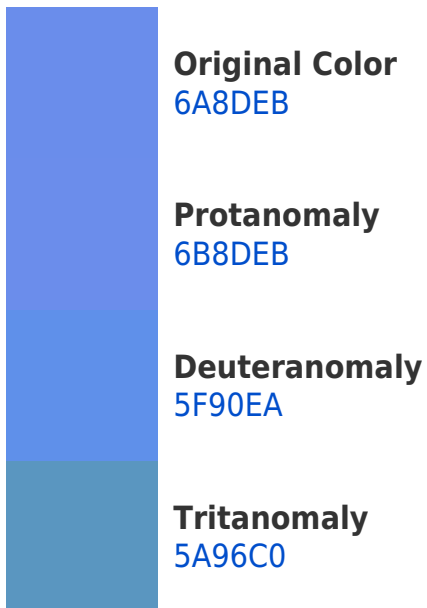
Dichromacy



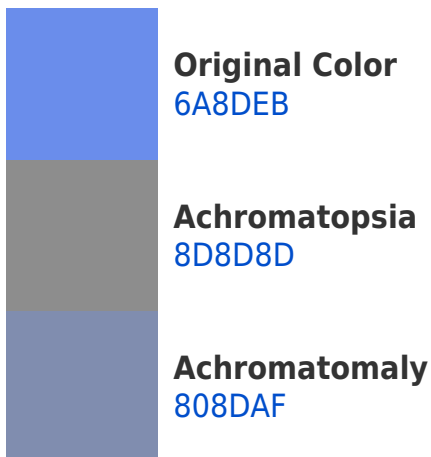


Tritanopia
519BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8DEB 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 #6A8DEB looks like.

```
.text, #text, p{  
    color:#6A8DEB  
}
```

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 #6A8DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8DEB
}
```

Border

The CSS property to change the border of an element to Hex 6A8DEB 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
#6A8DEB }
```

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

```
.border{ border-color:#6A8DEB }
```

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

Here you see how a box with a 4 pixel #6A8DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8DEB; -webkit-box-shadow:4px 4px  
4px 4px #6A8DEB; box-shadow:4px 4px 4px  
4px #6A8DEB }
```

Background

The CSS property to change the background color of an element to Hex 6A8DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8DEB }
```

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

```
.background{ background-color:#6A8DEB }
```

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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