

Converting Colors

Hex(6A9DEB)

Have a look what the booklet for
Hex(6A9DEB) contains.

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Color

Hex(6A9DEB)

Conversions

Conversions Part 1

Format	Color
Hex	6A9DEB
RGB	106, 157, 235
RGB Percent	42%, 62%, 92%
CMY	0.5843, 0.3843, 0.0784
CMYK	0.55, 0.33, 0.00, 0.08
HSL	216°, 76%, 67%
HSV	216°, 55%, 92%
XYZ	32.9962, 33.1763, 83.2618
YIQ	150.6430, -55.4340, 13.4460

Conversions

Conversions Part 2

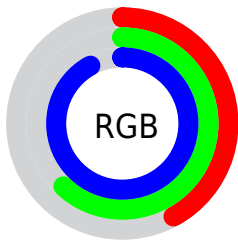
Format	Color
R _Y B	106, 143, 235
Decimal	6987243
CIE Lab	64.30, 5.27, -44.44
CIE LCh	64, 44.748, 276.767
Yxy	33.1763, 0.2208, 0.2220
Android (android.graphics.Color)	4285177323 (0xFF6A9DEB)
YUV	150.6430, 41.5880, -39.1519
Hunter-Lab	57.5988, 1.4580, -45.3873

Details

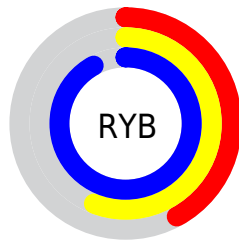
The Hex color **6A9DEB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EBB86A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A5D3FF**, and **296AB3** is the 20% darker color. If you saturate the color by 10%, you get **528FEB**, and if you desaturate by 10%, it is **82ABEB**.

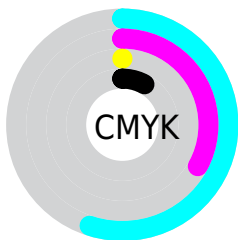
Distribution



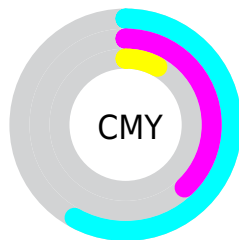
- Red (42%)
- Green (62%)
- Blue (92%)



- Red (42%)
- Yellow (56%)
- Blue (92%)



- Cyan (55%)
- Magenta (33%)
- Yellow (0%)
- Black (8%)



- Cyan (58%)
- Magenta (38%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A9DEB 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 6A9DEB by changing the saturation by 10% instead.

 6A9DEB

 6A9DEB

FFFFFF

 4C83CF

 A5D3FF

 296AB3

 C2F0FF

 005298

 E0FFFF

 003C7D

FEFFFF

 002764

 00124C

 000434

 00021E

 000000

 6A9DEB

 6A9DEB

 528FEB

 82ABEB

 3B81EB

 99B9EB

 2372EB

 B1C8EB

 0C64EB

 C8D6EB

 005DEB

 DFE4EB

 F7F2EB

 FFFFEB

Harmonies

Analogous

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



00A8E5



6A9DEB



AB8EDC

Triad

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



6A9DEB



E3816E



4BAE7B

Complementary

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



6A9DEB



EBB86A

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.



81A75A



6A9DEB



CD8F52

Square

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



6A9DEB



E77B94



AB9D4A



00B0A4

Rectangle

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



6A9DEB



C984C8



AB9D4A



5FAC6F

Sweetspot

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



6A9DEB



D6E6FF



6AE6B7



677180



000000



808080

Same Dimension

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



6A9DEB



5799FF



776AEB



6A6E75



0048B5



001536

Inverse Universe

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



EB6A9D



FF5799



DEEB6A



756A6E



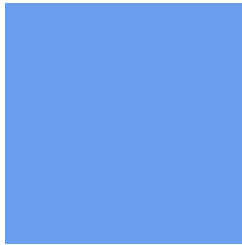
B50048



360015

Previews

White Background



This preview shows how the Hex color 6A9DEB looks on a white background.

Color Contrast Check

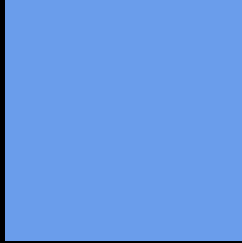
Large Text (above 18pt) WCAG AA × Fail

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 6A9DEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

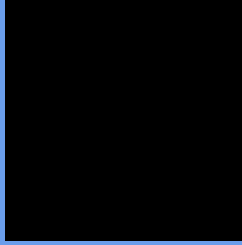
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

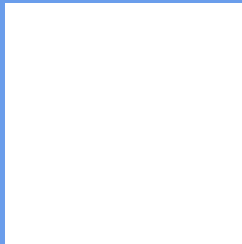
Any Text WCAG AAA ✓ Pass

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

Hex 6A9DEB Background



This preview shows how black text looks on a background with the Hex color 6A9DEB.

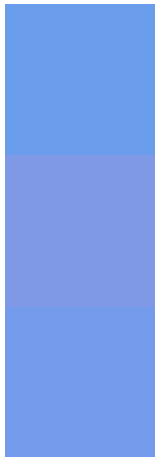


This preview shows how white text looks on a background with the Hex color 6A9DEB.

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](#).

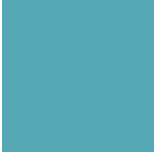
Dichromacy



Original Color
6A9DEB

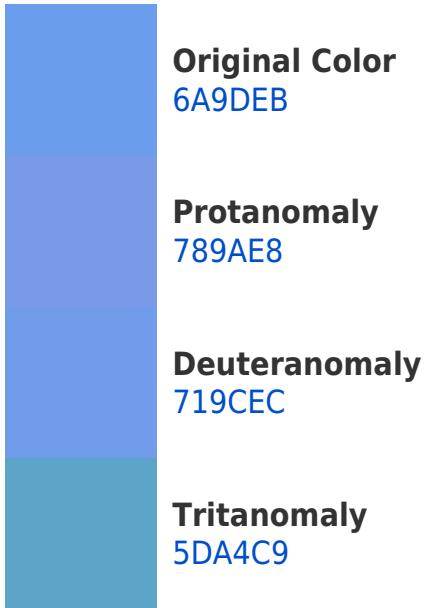
Protanopia
8099E7

Deuteranopia
759BEC

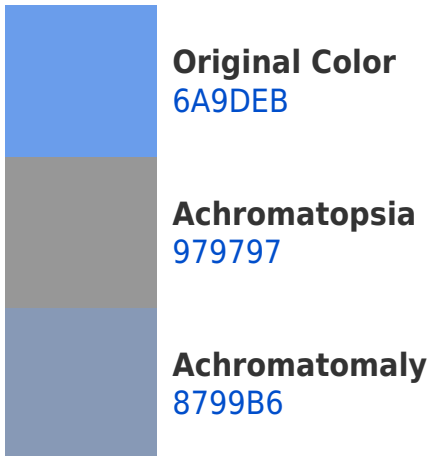


Tritanopia
56A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A9DEB 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 #6A9DEB looks like.

```
.text, #text, p{  
    color:#6A9DEB  
}
```

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 #6A9DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9DEB
}
```

Border

The CSS property to change the border of an element to Hex 6A9DEB 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
#6A9DEB }
```

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

```
.border{ border-color:#6A9DEB }
```

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

Here you see how a box with a 4 pixel #6A9DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9DEB; -webkit-box-shadow:4px 4px  
4px 4px #6A9DEB; box-shadow:4px 4px 4px  
4px #6A9DEB }
```

Background

The CSS property to change the background color of an element to Hex 6A9DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9DEB }
```

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

```
.background{ background-color:#6A9DEB }
```

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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