

Converting Colors

Hex(6EA9F1)

Have a look what the booklet for
Hex(6EA9F1) contains.

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Color

Hex(6EA9F1)

Conversions

Conversions Part 1

Format	Color
Hex	6EA9F1
RGB	110, 169, 241
RGB Percent	43%, 66%, 95%
CMY	0.5686, 0.3373, 0.0549
CMYK	0.54, 0.30, 0.00, 0.05
HSL	213°, 82%, 69%
HSV	213°, 54%, 95%
XYZ	36.4956, 38.0418, 88.6384
YIQ	159.5670, -58.2760, 9.8840

Conversions

Conversions Part 2

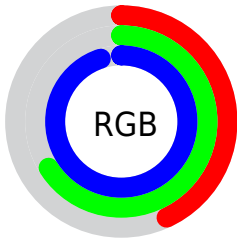
Format	Color
R _Y B	110, 151, 241
Decimal	7252465
CIE Lab	68.05, 1.13, -41.83
CIE LCh	68, 41.845, 271.541
Yxy	38.0418, 0.2237, 0.2331
Android (android.graphics.Color)	4285442545 (0xFF6EA9F1)
YUV	159.5670, 40.1465, -43.4703
Hunter-Lab	61.6780, -2.3162, -42.0319

Details

The Hex color **6EA9F1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F1B66E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A9E0FF**, and **2D75B9** is the 20% darker color. If you saturate the color by 10%, you get **569CF1**, and if you desaturate by 10%, it is **86B6F1**.

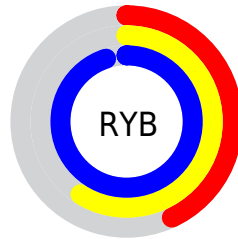
Distribution



Red (43%)

Green (66%)

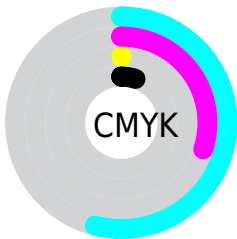
Blue (95%)



Red (43%)

Yellow (59%)

Blue (95%)

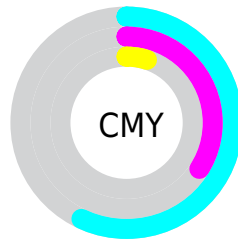


Cyan (54%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (57%)

Magenta (34%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EA9F1 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 6EA9F1 by changing the saturation by 10% instead.

 6EA9F1

 6EA9F1

FFFFFF

 508FD4

 A9E0FF

 2D75B9

 C6FDFF

 005D9D

 E4FFFF

 004683

 003069

 001C51

 000539

 000223

 00000A

■ 6EA9F1

■ 6EA9F1

■ 569CF1

■ 86B6F1

■ 3E8FF1

■ 9EC3F1

■ 2681F1

■ B6D1F1

■ 0E74F1

■ CEDEF1

■ 006DF1

■ E6EBF1

■ FFF8F1

■ FFFFF1

Harmonies

Analogous

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



00B3E7



6EA9F1



AC9BE6

Triad

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



6EA9F1



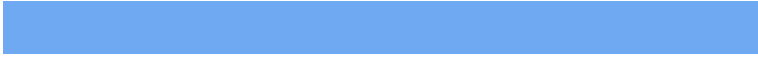
EC8B80



66B681

Complementary

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



6EA9F1



F1B66E

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.



95AF64



6EA9F1



DB9764

Square

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



6EA9F1



EC87A5



BCA459



20BAA7

Rectangle

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



6EA9F1



CB92D5



BCA459



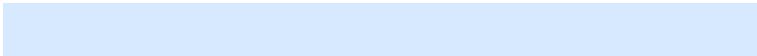
77B575

Sweetspot

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



6EA9F1



D6E9FF



6EF1B4



677280



000000



808080

Same Dimension

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



6EA9F1



59A4FF



726EF1



6C7178



0053B8



001938

Inverse Universe

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



F16EA9



FF59A4



EDF16E



786C71



B80053



380019

Previews

White Background



This preview shows how the Hex color 6EA9F1 looks on a white background.

Color Contrast Check

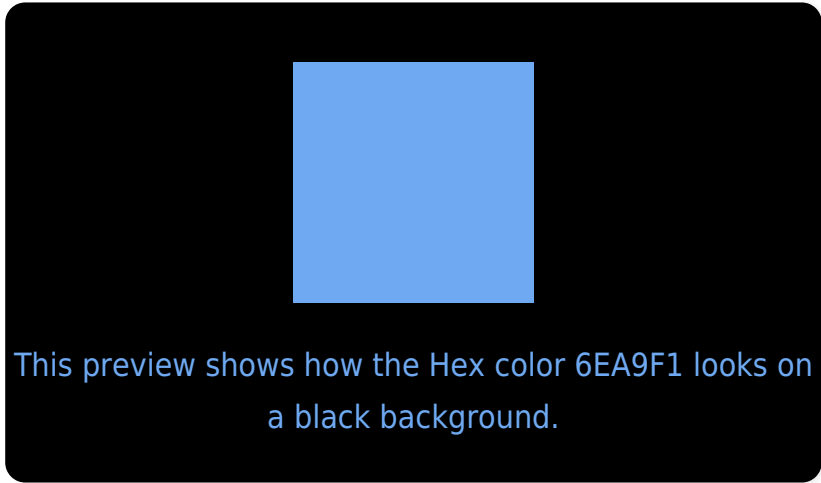
Large Text (above 18pt) WCAG AA × Fail

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

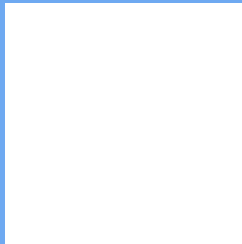
Any Text WCAG AAA ✓ Pass

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

Hex 6EA9F1 Background



This preview shows how black text looks on a background with the Hex color 6EA9F1.



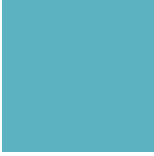
This preview shows how white text looks on a background with the Hex color 6EA9F1.

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](#).

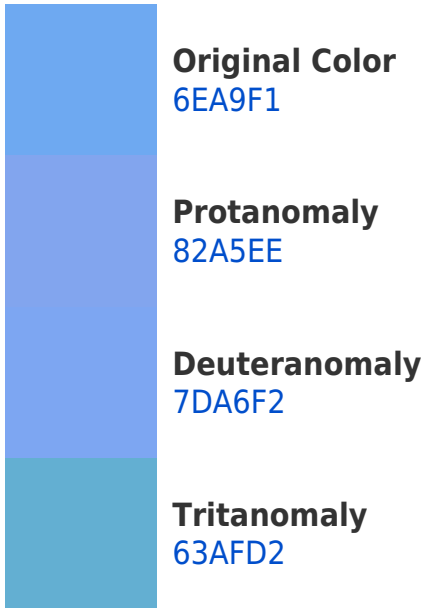
Dichromacy



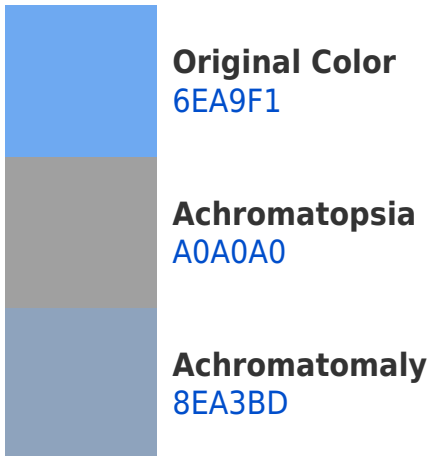


Tritanopia
5CB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EA9F1 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 #6EA9F1 looks like.

```
.text, #text, p{  
    color:#6EA9F1  
}
```

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 #6EA9F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA9F1
}
```

Border

The CSS property to change the border of an element to Hex 6EA9F1 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
#6EA9F1 }
```

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

```
.border{ border-color:#6EA9F1 }
```

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

Here you see how a box with a 4 pixel #6EA9F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA9F1; -webkit-box-shadow:4px 4px  
4px 4px #6EA9F1; box-shadow:4px 4px 4px  
4px #6EA9F1 }
```

Background

The CSS property to change the background color of an element to Hex 6EA9F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA9F1 }
```

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

```
.background{ background-color:#6EA9F1 }
```

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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