

Converting Colors

Hex(64A6F1)

Have a look what the booklet for
Hex(64A6F1) contains.

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Color

Hex(64A6F1)

Conversions

Conversions Part 1

Format	Color
Hex	64A6F1
RGB	100, 166, 241
RGB Percent	39%, 65%, 95%
CMY	0.6078, 0.3490, 0.0549
CMYK	0.59, 0.31, 0.00, 0.05
HSL	212°, 83%, 67%
HSV	212°, 59%, 95%
XYZ	34.7689, 36.3326, 88.3995
YIQ	154.8160, -63.4110, 9.3330

Conversions

Conversions Part 2

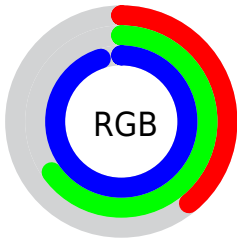
Format	Color
RYB	100, 145, 241
Decimal	6596337
CIELab	66.77, 0.81, -43.87
CIELCh	67, 43.873, 271.058
Yxy	36.3326, 0.2180, 0.2278
Android (android.graphics.Color)	4284786417 (0xFF64A6F1)
YUV	154.8160, 42.4887, -48.0736
Hunter-Lab	60.2766, -2.5210, -44.7590

Details

The Hex color **64A6F1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F1AF64**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A0DDFF**, and **1A73B9** is the 20% darker color. If you saturate the color by 10%, you get **4C99F1**, and if you desaturate by 10%, it is **7CB3F1**.

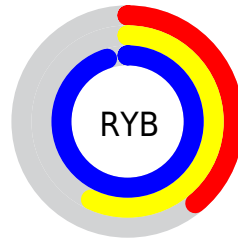
Distribution



Red (39%)

Green (65%)

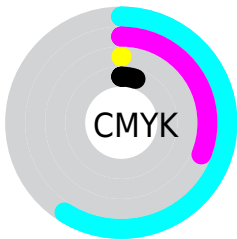
Blue (95%)



Red (39%)

Yellow (57%)

Blue (95%)

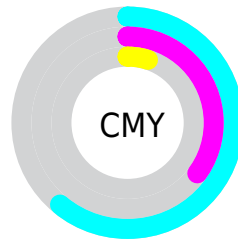


Cyan (59%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (35%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A6F1 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 64A6F1 by changing the saturation by 10% instead.

■ 64A6F1

■ 64A6F1

FFFFFF

■ 448CD4

■ A0DDFF

■ 1A73B9

■ BEF9FF

■ 005A9D

■ DCFFFF

■ 004383

■ FAFFFF

■ 002E69

■ 001A51

■ 000539

■ 000223

■ 000009

■ 64A6F1

■ 64A6F1

■ 4C99F1

■ 7CB3F1

■ 348CF1

■ 94C0F1

■ 1C80F1

■ ACCCF1

■ 0473F1

■ C4D9F1

■ 0071F1

■ DCE6F1

■ F5F3F1

■ FFFFF1

Harmonies

Analogous

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



00B0E7



64A6F1



A898E6

Triad

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



64A6F1



EC867C



5FB47B

Complementary

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



64A6F1



F1AF64

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.



91AC5D



64A6F1



D9935E

Square

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



64A6F1



EB82A3



B9A152



00B7A3

Rectangle

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



64A6F1



C88ED4



B9A152



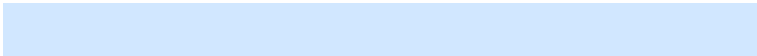
71B26F

Sweetspot

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



64A6F1



D1E7FF



64F1AD



637180



000000



808080

Same Dimension

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



64A6F1



4DA0FF



6664F1



6C7178



0056B8



001A38

Inverse Universe

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



F164A6



FF4DA0



EFF164



786C71



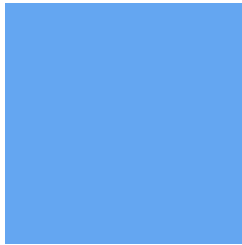
B80056



38001A

Previews

White Background



This preview shows how the Hex color 64A6F1 looks on a white background.

Color Contrast Check

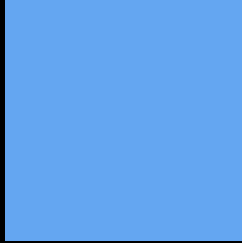
Large Text (above 18pt) WCAG AA × Fail

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 64A6F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

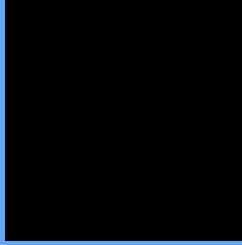
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

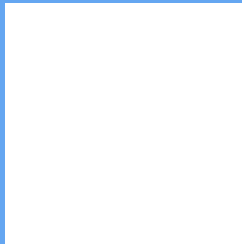
Any Text WCAG AAA ✓ Pass

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

Hex 64A6F1 Background



This preview shows how black text looks on a background with the Hex color 64A6F1.

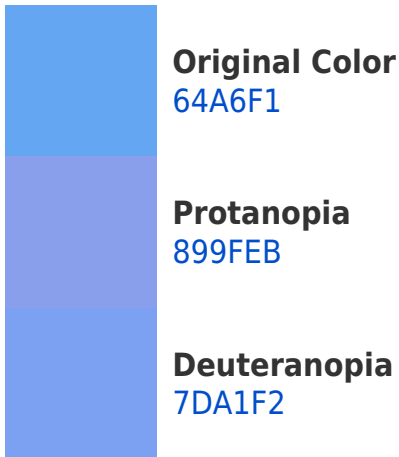


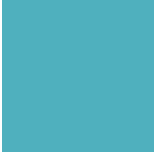
This preview shows how white text looks on a background with the Hex color 64A6F1.

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](#).

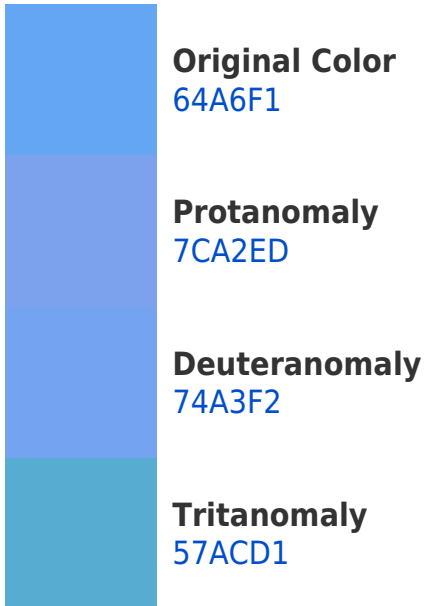
Dichromacy



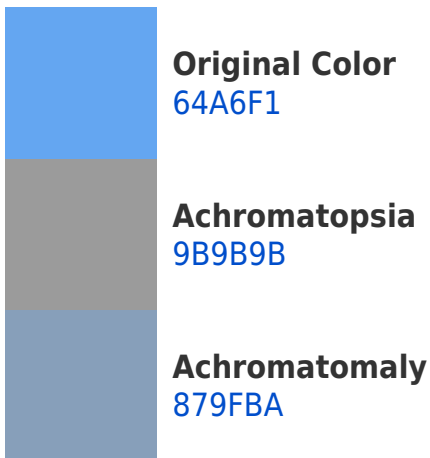


Tritanopia
4FBOBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A6F1 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 #64A6F1 looks like.

```
.text, #text, p{  
    color:#64A6F1  
}
```

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 #64A6F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A6F1
}
```

Border

The CSS property to change the border of an element to Hex 64A6F1 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
#64A6F1 }
```

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

```
.border{ border-color:#64A6F1 }
```

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

Here you see how a box with a 4 pixel #64A6F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A6F1; -webkit-box-shadow:4px 4px  
4px 4px #64A6F1; box-shadow:4px 4px 4px  
4px #64A6F1 }
```

Background

The CSS property to change the background color of an element to Hex 64A6F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A6F1 }
```

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

```
.background{ background-color:#64A6F1 }
```

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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