

Converting Colors

Hex(64BFF2)

Have a look what the booklet for
Hex(64BFF2) contains.

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Color

Hex(64BFF2)

Conversions

Conversions Part 1

Format	Color
Hex	64BFF2
RGB	100, 191, 242
RGB Percent	39%, 75%, 95%
CMY	0.6078, 0.2510, 0.0510
CMYK	0.59, 0.21, 0.00, 0.05
HSL	202°, 85%, 67%
HSV	202°, 59%, 95%
XYZ	39.9133, 46.3817, 90.8533
YIQ	169.6050, -70.6070, -3.4310

Conversions

Conversions Part 2

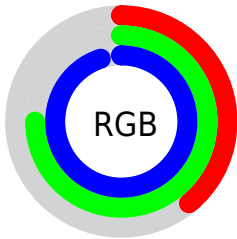
Format	Color
RYB	100, 155, 242
Decimal	6602738
CIELab	73.79, -12.61, -33.47
CIElCh	74, 35.771, 249.353
Yxy	46.3817, 0.2253, 0.2618
Android (android.graphics.Color)	4284792818 (0xFF64BFF2)
YUV	169.6050, 35.6907, -61.0436
Hunter-Lab	68.1041, -14.5699, -31.4221

Details

The Hex color **64BFF2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F29764**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A1F7FF**, and **168ABA** is the 20% darker color. If you saturate the color by 10%, you get **4CB6F2**, and if you desaturate by 10%, it is **7CC8F2**.

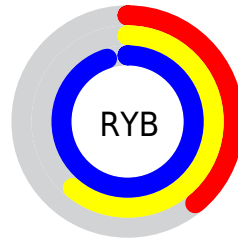
Distribution



Red (39%)

Green (75%)

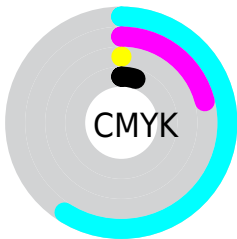
Blue (95%)



Red (39%)

Yellow (61%)

Blue (95%)

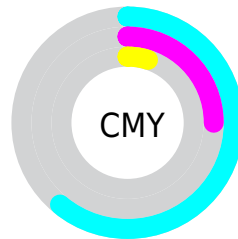


Cyan (59%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64BFF2 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 64BFF2 by changing the saturation by 10% instead.

 64BFF2

 64BFF2

FFFFFF

 43A4D6

 A1F7FF

 168ABA

 BFFFFFF

 00709F

 DDFFFF

 005884

 FBFFFF

 00416B

 002B52

 00173B

 000225

 00010D

■ 64BFF2

■ 64BFF2

■ 4CB6F2

■ 7CC8F2

■ 34AEF2

■ 94D0F2

■ 1BA5F2

■ ADD9F2

■ 039CF2

■ C5E2F2

■ 009BF2

■ DDEAF2

■ F5F3F2

■ FFFCF2

■ FFFFF2

Harmonies

Analogous

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



40C5DE



64BFF2



98B5F6

Triad

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



64BFF2



F69CAC



9DC082

Complementary

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



64BFF2



F29764

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.



C1B774



64BFF2



F2A18D

Square

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



64BFF2



E79FCD



DFAB78



76C59D

Rectangle

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



64BFF2



B8ADEE



DFAB78



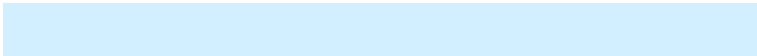
AABD7B

Sweetspot

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



64BFF2



D1EFFF



64F296



637580



000000



808080

Same Dimension

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



64BFF2



4DBFFF



6479F2



6C7478



0076B8



002438

Inverse Universe

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



F264BF



FF4DBF



F2DD64



786C74



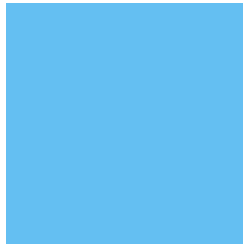
B80076



380024

Previews

White Background



This preview shows how the Hex color 64BFF2 looks on a white background.

Color Contrast Check

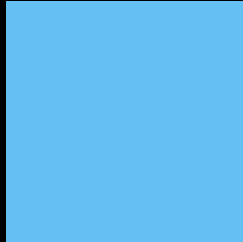
Large Text (above 18pt) WCAG AA × Fail

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 64BFF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

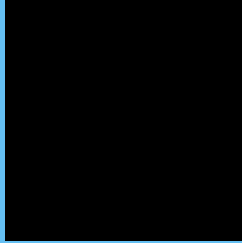
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

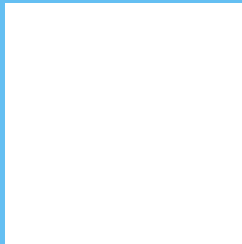
Any Text WCAG AAA ✓ Pass

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

Hex 64BFF2 Background



This preview shows how black text looks on a background with the Hex color 64BFF2.

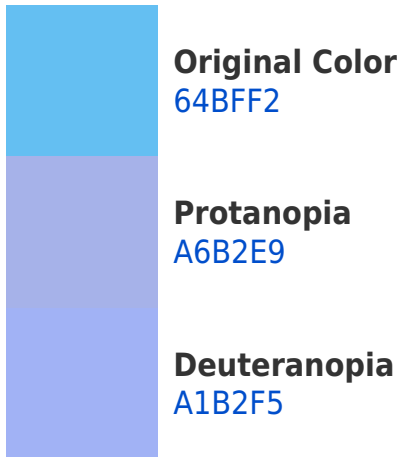


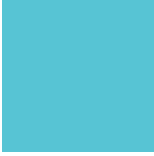
This preview shows how white text looks on a background with the Hex color 64BFF2.

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](#).

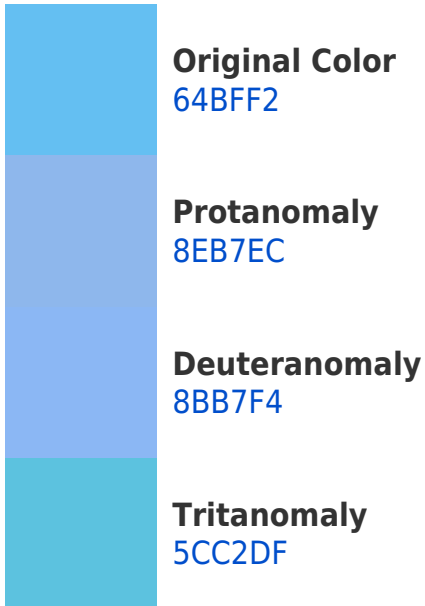
Dichromacy



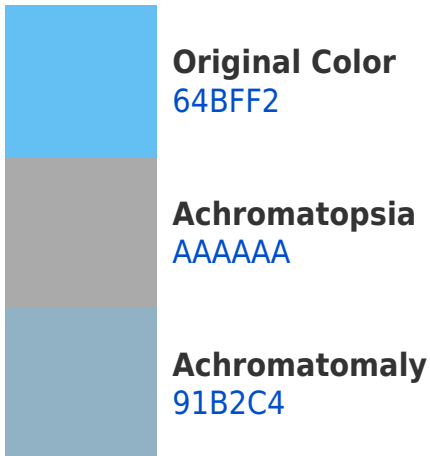


Tritanopia
57C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64BFF2 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 #64BFF2 looks like.

```
.text, #text, p{  
    color:#64BFF2  
}
```

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 #64BFF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64BFF2
}
```

Border

The CSS property to change the border of an element to Hex 64BFF2 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
#64BFF2 }
```

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

```
.border{ border-color:#64BFF2 }
```

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

Here you see how a box with a 4 pixel #64BFF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64BFF2; -webkit-box-shadow:4px 4px  
4px 4px #64BFF2; box-shadow:4px 4px 4px  
4px #64BFF2 }
```

Background

The CSS property to change the background color of an element to Hex 64BFF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64BFF2 }
```

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

```
.background{ background-color:#64BFF2 }
```

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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