

Converting Colors

Hex(75AEFA)

Have a look what the booklet for
Hex(75AEFA) contains.

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Color

Hex(75AEFA)

Conversions

Conversions Part 1

Format	Color
Hex	75AEFA
RGB	117, 174, 250
RGB Percent	46%, 68%, 98%
CMY	0.5412, 0.3176, 0.0196
CMYK	0.53, 0.30, 0.00, 0.02
HSL	214°, 93%, 72%
HSV	214°, 53%, 98%
XYZ	39.7275, 40.9561, 96.2539
YIQ	165.6210, -58.3680, 11.5520

Conversions

Conversions Part 2

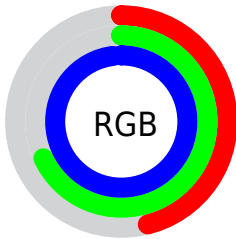
Format	Color
RYB	117, 157, 250
Decimal	7712506
CIELab	70.15, 2.53, -43.42
CIELCh	70, 43.495, 273.330
Yxy	40.9561, 0.2245, 0.2315
Android (android.graphics.Color)	4285902586 (0xFF75AEFA)
YUV	165.6210, 41.5988, -42.6406
Hunter-Lab	63.9970, -1.1870, -44.3766

Details

The Hex color **75AEFA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **FAC175**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B0E5FF**, and **367AC1** is the 20% darker color. If you saturate the color by 10%, you get **5CA0FA**, and if you desaturate by 10%, it is **8EBCFA**.

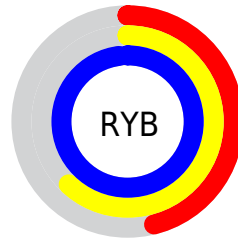
Distribution



Red (46%)

Green (68%)

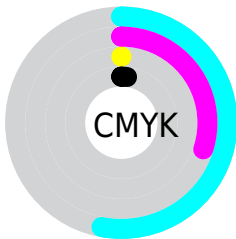
Blue (98%)



Red (46%)

Yellow (62%)

Blue (98%)

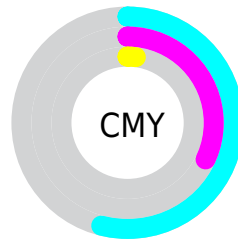


Cyan (53%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (54%)

Magenta (32%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75AEFA 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 75AEFA by changing the saturation by 10% instead.

 75AEFA

 75AEFA

FFFFFF

 5794DD

 B0E5FF

 367AC1

 CEFFFF

 0061A6

 EBFFFF

 004A8B

 003471

 002058

 000541

 00032A

 000114

■ 75AEFA

■ 75AEFA

■ 5CA0FA

■ 8EBCFA

■ 4391FA

■ A7CBFA

■ 2A83FA

■ C0D9FA

■ 1175FA

■ D9E7FA

■ 006BFA

■ F2F5FA

■ FFFFFA

Harmonies

Analogous

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



00B9F1



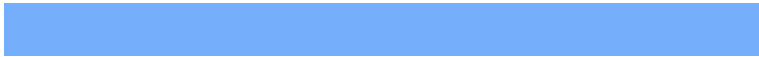
75AEFA



B5A0EE

Triad

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



75AEFA



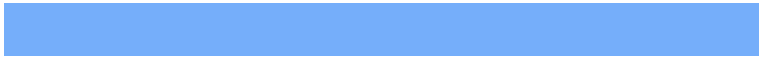
F49082



65BD87

Complementary

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



75AEFA



FAC175

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.



97B668



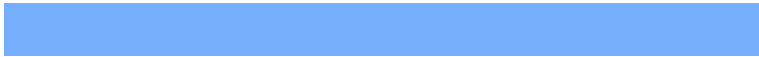
75AEFA



E19D65

Square

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



75AEFA



F58CA9



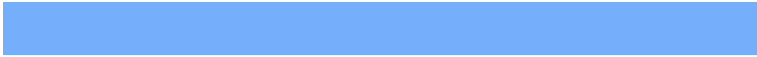
C0AB5B



10C0AF

Rectangle

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



75AEFA



D496DB



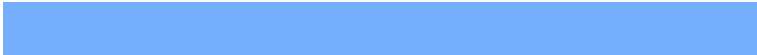
C0AB5B



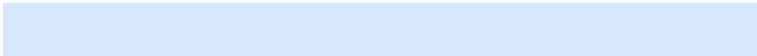
77BB7B

Sweetspot

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



75AEFA



D6E8FF



75FAC0



677280



000000



808080

Same Dimension

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



75AEFA



5CA2FF



7E75FA



70767D



0051BD



001A3D

Inverse Universe

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



FA75AE



FF5CA2



F1FA75



7D7076



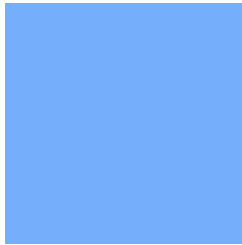
BD0051



3D001A

Previews

White Background



This preview shows how the Hex color 75AEFA looks on a white background.

Color Contrast Check

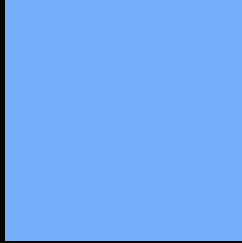
Large Text (above 18pt) WCAG AA × Fail

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 75AEFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

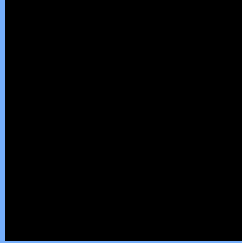
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

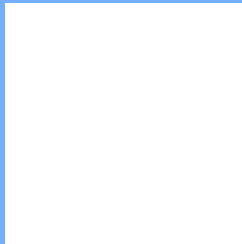
Any Text WCAG AAA ✓ Pass

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

Hex 75AEFA Background



This preview shows how black text looks on a background with the Hex color 75AEFA.

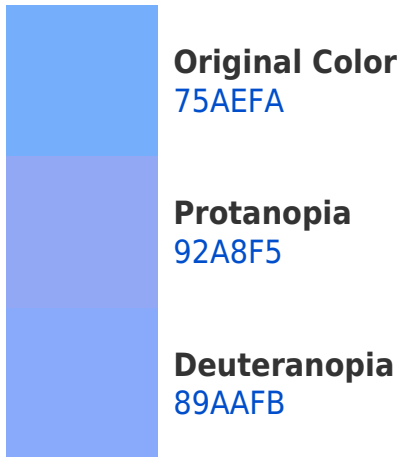


This preview shows how white text looks on a background with the Hex color 75AEFA.

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](#).

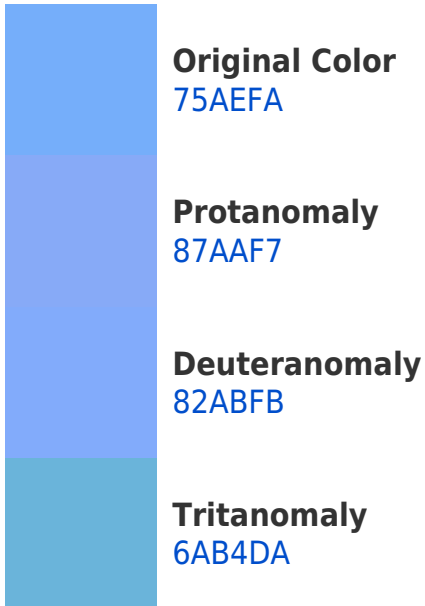
Dichromacy



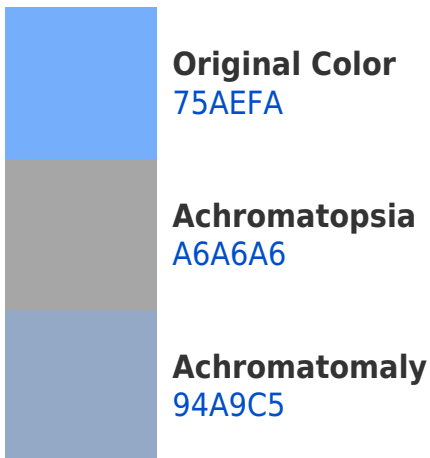


Tritanopia
63B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75AEFA 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 #75AEFA looks like.

```
.text, #text, p{  
    color:#75AEFA  
}
```

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 #75AEFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AEFA
}
```

Border

The CSS property to change the border of an element to Hex 75AEFA 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
#75AEFA }
```

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

```
.border{ border-color:#75AEFA }
```

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

Here you see how a box with a 4 pixel #75AEFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AEFA; -webkit-box-shadow:4px 4px  
4px 4px #75AEFA; box-shadow:4px 4px 4px  
4px #75AEFA }
```

Background

The CSS property to change the background color of an element to Hex 75AEFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AEFA }
```

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

```
.background{ background-color:#75AEFA }
```

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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