

Converting Colors

Hex(749EFF)

Have a look what the booklet for
Hex(749EFF) contains.

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Color

Hex(749EFF)

Conversions

Conversions Part 1

Format	Color
Hex	749EFF
RGB	116, 158, 255
RGB Percent	45%, 62%, 100%
CMY	0.5451, 0.3804, 0.0000
CMYK	0.55, 0.38, 0.00, 0.00
HSL	222°, 100%, 73%
HSV	222°, 55%, 100%
XYZ	37.4793, 35.3867, 99.4627
YIQ	156.5000, -56.1690, 21.2630

Conversions

Conversions Part 2

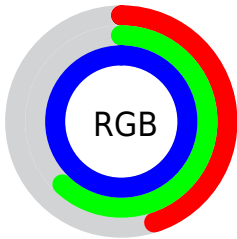
Format	Color
RYB	116, 148, 255
Decimal	7642879
CIELab	66.05, 12.99, -52.59
CIElCh	66, 54.176, 283.878
Yxy	35.3867, 0.2175, 0.2053
Android (android.graphics.Color)	4285832959 (0xFF749EFF)
YUV	156.5000, 48.5605, -35.5185
Hunter-Lab	59.4867, 8.3612, -57.4930

Details

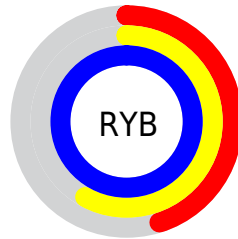
The Hex color **749EFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFD574**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B0D4FF**, and **326BC6** is the 20% darker color. If you saturate the color by 10%, you get **5A8CFF**, and if you desaturate by 10%, it is **8EB0FF**.

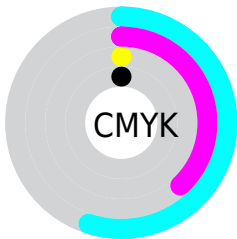
Distribution



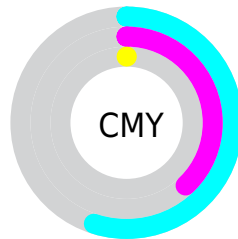
- Red (45%)
- Green (62%)
- Blue (100%)



- Red (45%)
- Yellow (58%)
- Blue (100%)



- Cyan (55%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749EFF 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 749EFF by changing the saturation by 10% instead.

 749EFF

 749EFF

FFFFFF

 5584E2

 B0D4FF

 326BC6

 CDF1FF

 0053AA

 EBFFFF

 003D8F

 002875

 00155C

 000743

 00032C

 000117

 749EFF

 749EFF

 5A8CFF

 8EB0FF

 417AFF

 A7C2FF

 2769FF

 C1D3FF

 0E57FF

 DAE5FF

 004DFF

 F3F7FF

FFFFFF

Harmonies

Analogous

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



00ADFE



749EFF



C18AE7

Triad

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



749EFF



F0825F



00B784

Complementary

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



749EFF



FFD574

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.



70B157



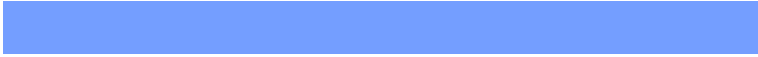
749EFF



D29540

Square

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



749EFF



FB768C



A6A53C



00B9B6

Rectangle

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



749EFF



E17ECC



A6A53C



3CB574

Sweetspot

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



749EFF



D6E3FF



74FFD3



676F80



000000



808080

Same Dimension

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



749EFF



598BFF



8D74FF



737780



003ABF



001340

Inverse Universe

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



FF749E



FF598B



E6FF74



807377



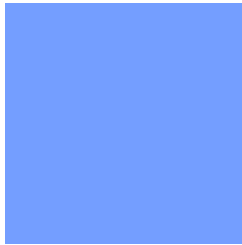
BF003A



400013

Previews

White Background



This preview shows how the Hex color 749EFF looks on a white background.

Color Contrast Check

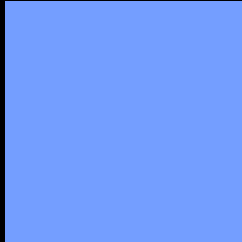
Large Text (above 18pt) WCAG AA × Fail

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 749EFF 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

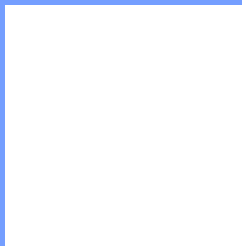
Any Text WCAG AAA ✓ Pass

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

Hex 749EFF Background



This preview shows how black text looks on a background with the Hex color 749EFF.



This preview shows how white text looks on a background with the Hex color 749EFF.

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](#).

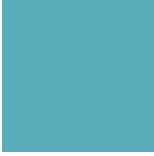
Dichromacy



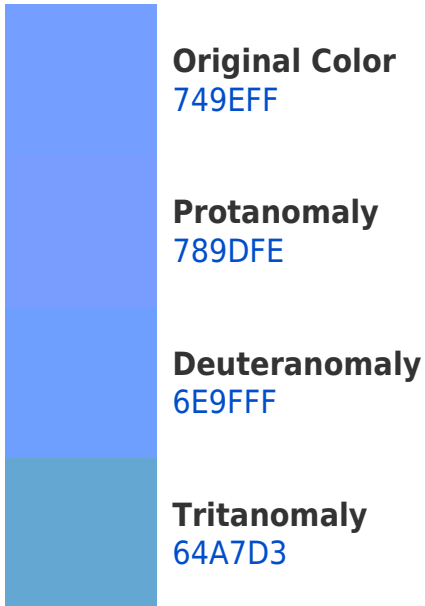
Original Color
749EFF

Protanopia
7B9DFE

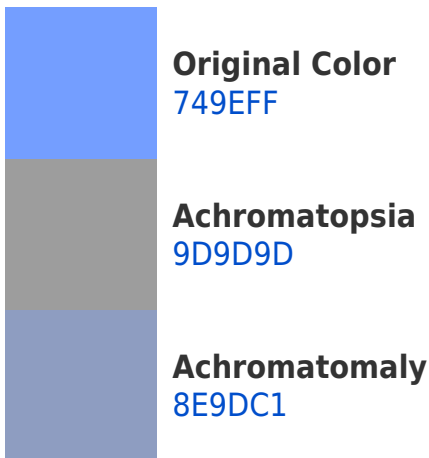
Deuteranopia
6AA0FF



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749EFF 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 #749EFF looks like.

```
.text, #text, p{  
    color:#749EFF  
}
```

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 #749EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749EFF
}
```

Border

The CSS property to change the border of an element to Hex 749EFF 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
#749EFF }
```

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

```
.border{ border-color:#749EFF }
```

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

Here you see how a box with a 4 pixel #749EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749EFF; -webkit-box-shadow:4px 4px  
4px 4px #749EFF; box-shadow:4px 4px 4px  
4px #749EFF }
```

Background

The CSS property to change the background color of an element to Hex 749EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749EFF }
```

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

```
.background{ background-color:#749EFF }
```

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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