

Converting Colors

Hex(739CFE)

Have a look what the booklet for
Hex(739CFE) contains.

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Color

Hex(739CFE)

Conversions

Conversions Part 1

Format	Color
Hex	739CFE
RGB	115, 156, 254
RGB Percent	45%, 61%, 100%
CMY	0.5490, 0.3882, 0.0039
CMYK	0.55, 0.39, 0.00, 0.00
HSL	222°, 99%, 72%
HSV	222°, 55%, 100%
XYZ	36.8481, 34.5775, 98.4980
YIQ	154.9130, -55.8940, 21.7860

Conversions

Conversions Part 2

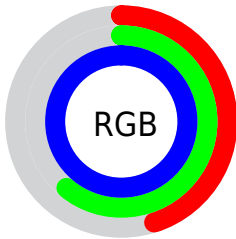
Format	Color
R _Y B	115, 147, 254
Decimal	7576830
CIE Lab	65.42, 13.64, -53.05
CIE LCh	65, 54.777, 284.420
Yxy	34.5775, 0.2169, 0.2035
Android (android.graphics.Color)	4285766910 (0xFF739CFE)
YUV	154.9130, 48.8499, -35.0037
Hunter-Lab	58.8027, 8.9506, -58.1524

Details

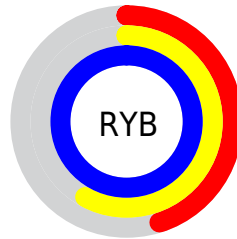
The Hex color **739CFE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FED573**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **AFD2FF**, and **3169C5** is the 20% darker color. If you saturate the color by 10%, you get **5A8AFE**, and if you desaturate by 10%, it is **8CAEFE**.

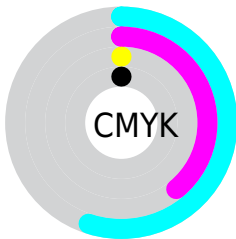
Distribution



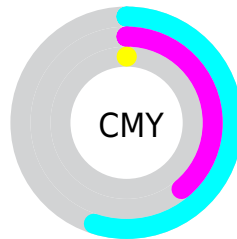
- Red (45%)
- Green (61%)
- Blue (100%)



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



- Cyan (55%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 739CFE 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 739CFE by changing the saturation by 10% instead.

 739CFE

 739CFE

FFFFFF

 5482E1

 AFD2FF

 3169C5

 CCEEFF

 0052A9

 EBFFFF

 003B8E

 002674

 00135B

 000743

 00032B

 000116

■ 739CFE

■ 739CFE

■ 5A8AFE

■ 8CAEFE

■ 4078FE

■ A6C0FE

■ 2766FE

■ BFD2FE

■ 0D54FE

■ D9E4FE

■ 004BFE

■ F2F6FE

FFFFFE

Harmonies

Analogous

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



00ABFD



739CFE



C088E5

Triad

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



739CFE



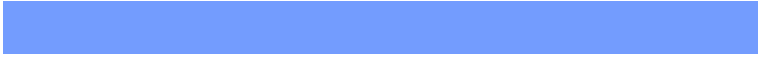
EE805C



00B583

Complementary

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



739CFE



FED573

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.



6CAF55



739CFE



D0933D

Square

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



739CFE



FA7489



A4A439



00B7B6

Rectangle

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



739CFE



E17CCA



A4A439



35B473

Sweetspot

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



739CFE



D6E2FF



73FED4



676E80



000000



808080

Same Dimension

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



739CFE



5788FF



8F73FE



737780



0038BF



001340

Inverse Universe

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



FE739C



FF5788



E2FE73



807377



BF0038



400013

Previews

White Background



This preview shows how the Hex color 739CFE looks on a white background.

Color Contrast Check

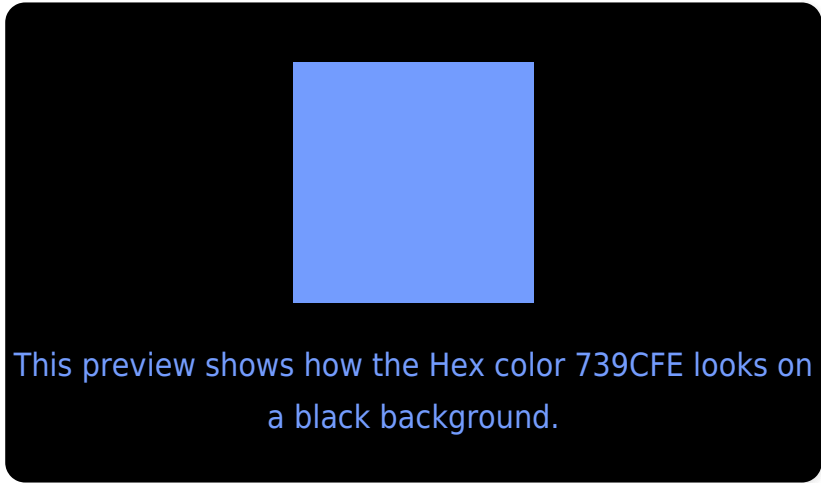
Large Text (above 18pt) WCAG AA × Fail

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

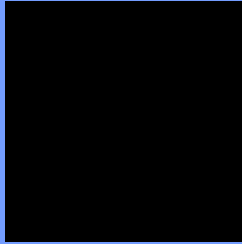
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

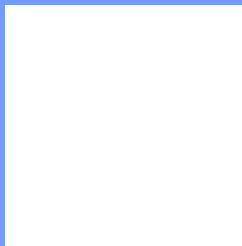
Any Text WCAG AAA ✓ Pass

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

Hex 739CFE Background



This preview shows how black text looks on a background with the Hex color 739CFE.



This preview shows how white text looks on a background with the Hex color 739CFE.

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](#).

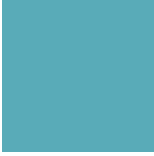
Dichromacy



Original Color
739CFE

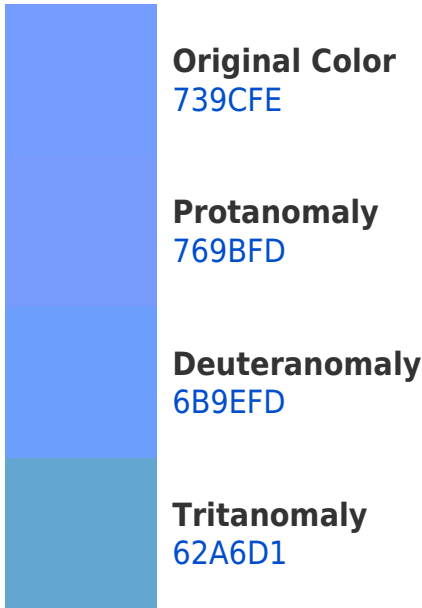
Protanopia
789BFD

Deuteranopia
679FFD

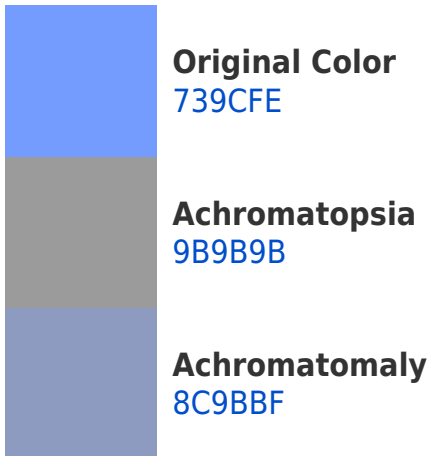


Tritanopia
59ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 739CFE 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 #739CFE looks like.

```
.text, #text, p{  
    color:#739CFE  
}
```

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 #739CFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739CFE
}
```

Border

The CSS property to change the border of an element to Hex 739CFE 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
#739CFE }
```

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

```
.border{ border-color:#739CFE }
```

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

Here you see how a box with a 4 pixel #739CFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739CFE; -webkit-box-shadow:4px 4px  
4px 4px #739CFE; box-shadow:4px 4px 4px  
4px #739CFE }
```

Background

The CSS property to change the background color of an element to Hex 739CFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739CFE }
```

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

```
.background{ background-color:#739CFE }
```

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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