

Converting Colors

Hex(79BFEF)

Have a look what the booklet for
Hex(79BFEF) contains.

Hex(79BFEF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(79BFEF)

Conversions

Conversions Part 1

Format	Color
Hex	79BFEF
RGB	121, 191, 239
RGB Percent	47%, 75%, 94%
CMY	0.5255, 0.2510, 0.0627
CMYK	0.49, 0.20, 0.00, 0.06
HSL	204°, 79%, 71%
HSV	204°, 49%, 94%
XYZ	42.0959, 47.5585, 88.6224
YIQ	175.5420, -57.1280, 0.0880

Conversions

Conversions Part 2

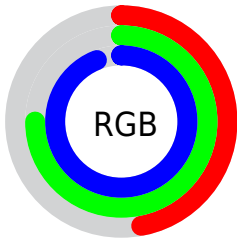
Format	Color
R_{YB}	121, 165, 239
Decimal	7978991
CIE _{Lab}	74.55, -9.16, -30.62
CIE _{LCh}	75, 31.961, 253.354
Yxy	47.5585, 0.2361, 0.2668
Android (android.graphics.Color)	4286169071 (0xFF79BFEF)
YUV	175.5420, 31.2848, -47.8333
Hunter-Lab	68.9627, -11.7255, -27.9183

Details

The Hex color **79BFEF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EFA979**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B3F7FF**, and **3D8AB7** is the 20% darker color. If you saturate the color by 10%, you get **61B5EF**, and if you desaturate by 10%, it is **91C9EF**.

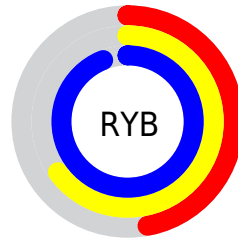
Distribution



Red (47%)

Green (75%)

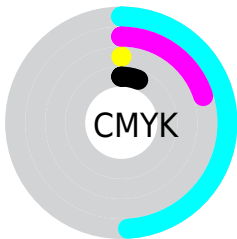
Blue (94%)



Red (47%)

Yellow (65%)

Blue (94%)

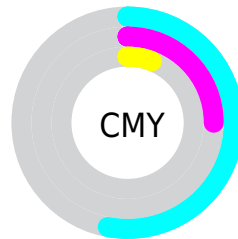


Cyan (49%)

Magenta (20%)

Yellow (0%)

Black (6%)



Cyan (53%)

Magenta (25%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79BFEF 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 79BFEF by changing the saturation by 10% instead.

 79BFEF

 79BFEF

FFFFFF

 5CA4D3

 B3F7FF

 3D8AB7

 D0FFFF

 16709C

 EEEFFF

 005882

 004168

 002B50

 001739


 000223

 00000A

 79BFEF

 79BFEF

 61B5EF

 91C9EF

 49ACEF

 A9D2EF

 31A2EF

 C1DCEF

 1998EF

 D9E6EF

 028EEF

 F0F0EF

 008EEF

 FFF9EF

 FFFFEF

Harmonies

Analogous

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



5BC5DF



79BFEF



A4B6F0

Triad

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



79BFEF



F2A2AB



9EC28C

Complementary

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



79BFEF



EFA979

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.



BFBA7E



79BFEF



EDA790

Square

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



79BFEF



E7A3C9



DBB080



7CC6A6

Rectangle

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



79BFEF



C0AFE8



DBB080



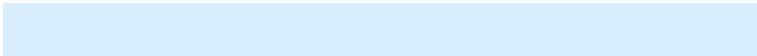
A9BF86

Sweetspot

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



79BFEF



D9EFFF



79EFA8



697680



000000



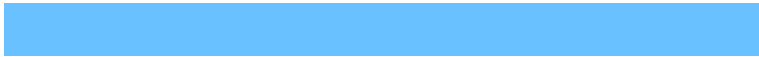
808080

Same Dimension

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



79BFEF



69C2FF



7985EF



6C7378



006DB8



002138

Inverse Universe

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



EF79BF



FF69C2



EFE379



786C73



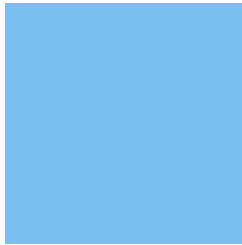
B8006D



380021

Previews

White Background



This preview shows how the Hex color 79BFEF looks on a white background.

Color Contrast Check

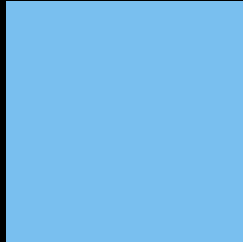
Large Text (above 18pt) WCAG AA × Fail

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 79BFEF 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

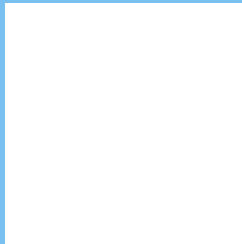
Any Text WCAG AAA ✓ Pass

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

Hex 79BFEF Background



This preview shows how black text looks on a background with the Hex color 79BFEF.

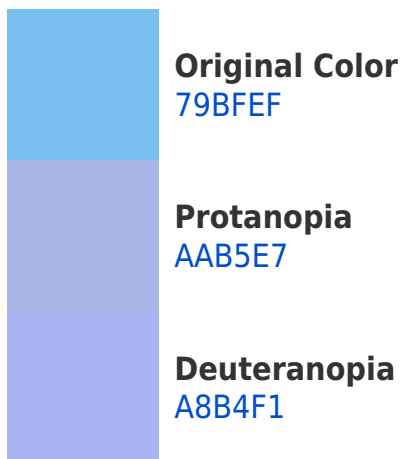


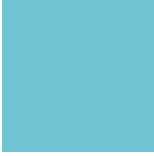
This preview shows how white text looks on a background with the Hex color 79BFEF.

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](#).

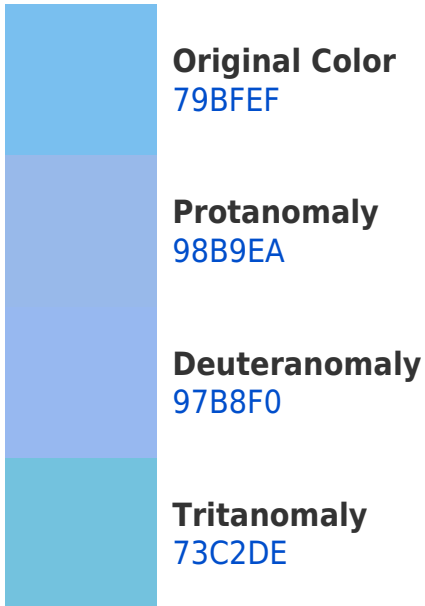
Dichromacy



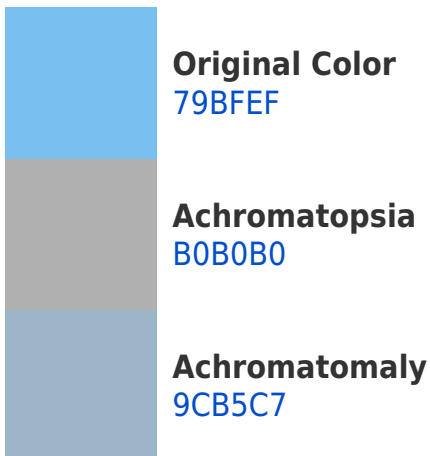


Tritanopia
70C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79BFEF 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 #79BFEF looks like.

```
.text, #text, p{  
    color:#79BFEF  
}
```

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 #79BFEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79BFEF
}
```

Border

The CSS property to change the border of an element to Hex 79BFEF 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
#79BFEF }
```

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

```
.border{ border-color:#79BFEF }
```

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

Here you see how a box with a 4 pixel #79BFEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79BFEF; -webkit-box-shadow:4px 4px  
4px 4px #79BFEF; box-shadow:4px 4px 4px  
4px #79BFEF }
```

Background

The CSS property to change the background color of an element to Hex 79BFEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79BFEF }
```

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

```
.background{ background-color:#79BFEF }
```

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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