

Converting Colors

Hex(3F81E9)

Have a look what the booklet for
Hex(3F81E9) contains.

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Color

Hex(3F81E9)

Conversions

Conversions Part 1

Format	Color
Hex	3F81E9
RGB	63, 129, 233
RGB Percent	25%, 51%, 91%
CMY	0.7529, 0.4941, 0.0863
CMYK	0.73, 0.45, 0.00, 0.09
HSL	217°, 79%, 58%
HSV	217°, 73%, 91%
XYZ	24.6081, 22.6405, 80.1639
YIQ	121.1220, -72.7200, 18.3520

Conversions

Conversions Part 2

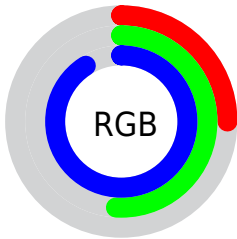
Format	Color
R _Y B	63, 111, 233
Decimal	4162025
CIE Lab	54.70, 13.93, -58.70
CIE LCh	55, 60.329, 283.355
Yxy	22.6405, 0.1931, 0.1777
Android (android.graphics.Color)	4282352105 (0xFF3F81E9)
YUV	121.1220, 55.1559, -50.9730
Hunter-Lab	47.5820, 9.0469, -66.5815

Details

The Hex color **3F81E9** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **E9A73F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **83B5FF**, and **0051B1** is the 20% darker color. If you saturate the color by 10%, you get **2873E9**, and if you desaturate by 10%, it is **568FE9**.

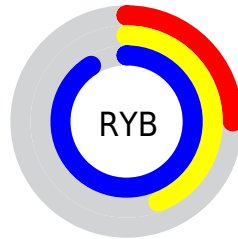
Distribution



Red (25%)

Green (51%)

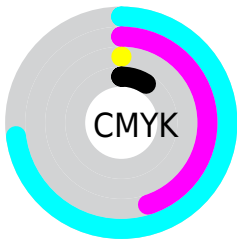
Blue (91%)



Red (25%)

Yellow (44%)

Blue (91%)

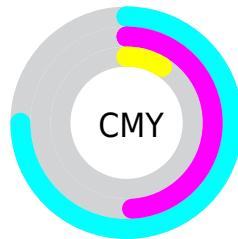


Cyan (73%)

Magenta (45%)

Yellow (0%)

Black (9%)



Cyan (75%)

Magenta (49%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F81E9 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 3F81E9 by changing the saturation by 10% instead.

 3F81E9

 3F81E9

FFFFFF

 0068CC

 83B5FF

 0051B1

 A2D1FF

 003B95

 C0EDFF

 00267B

 DFFFFF

 001361

FEFFFF

 000949

 000431

 00011B

 000000

■ 3F81E9

■ 3F81E9

■ 2873E9

■ 568FE9

■ 1064E9

■ 6E9EE9

■ 005AE9

■ 85ACE9

■ 9CBAE9

■ B4C8E9

■ CBD7E9

■ E2E5E9

■ F9F3E9

■ FFFFE9

Harmonies

Analogous

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



0091E7



3F81E9



A36ACF

Triad

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



3F81E9



D45F3D



009963

Complementary

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



3F81E9



E9A73F

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.



4B9330



3F81E9



B47612

Square

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



3F81E9



E14F6E



878802



009B99

Rectangle

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



3F81E9



C65BB3



878802



009851

Sweetspot

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



3F81E9



C7DDFF



3FE9A5



5E6B80



000000



808080

Same Dimension

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



3F81E9



1F76FF



503FE9



6A6E75



0046B5



001536

Inverse Universe

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



E93F81



FF1F76



D8E93F



756A6E



B50046



360015

Previews

White Background



This preview shows how the Hex color 3F81E9 looks on a white background.

Color Contrast Check

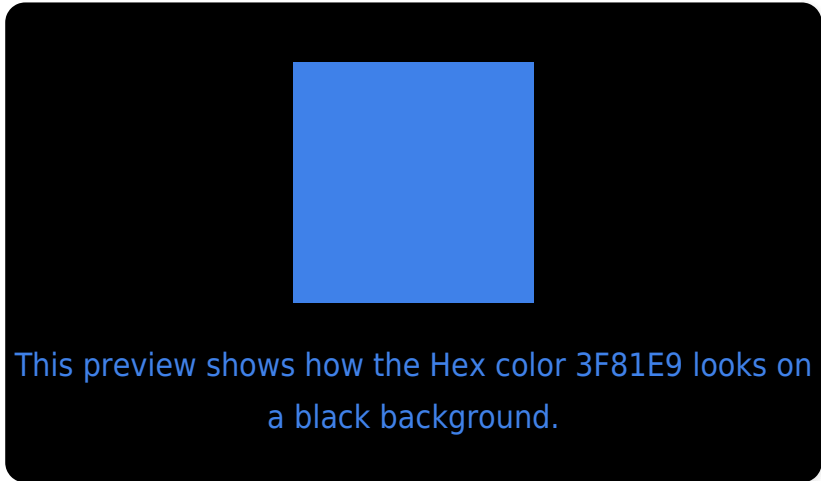
Large Text (above 18pt) WCAG AA ✓ Pass

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

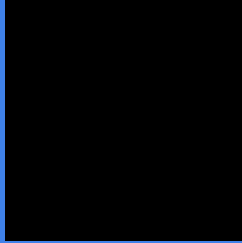
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

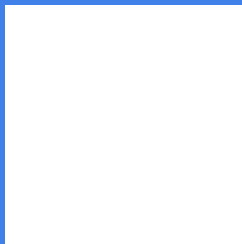
Any Text WCAG AAA × Fail

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

Hex 3F81E9 Background



This preview shows how black text looks on a background with the Hex color 3F81E9.



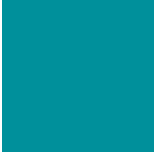
This preview shows how white text looks on a background with the Hex color 3F81E9.

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](#).

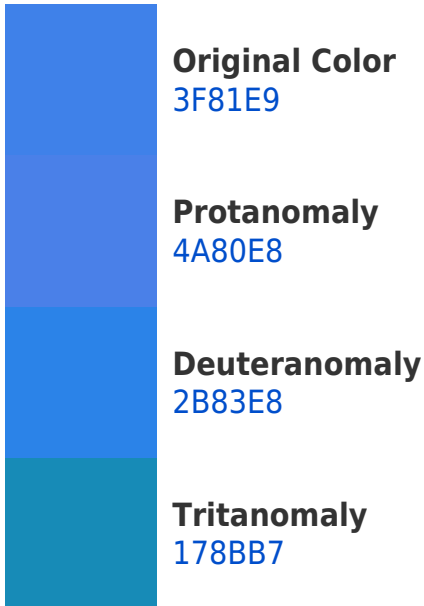
Dichromacy



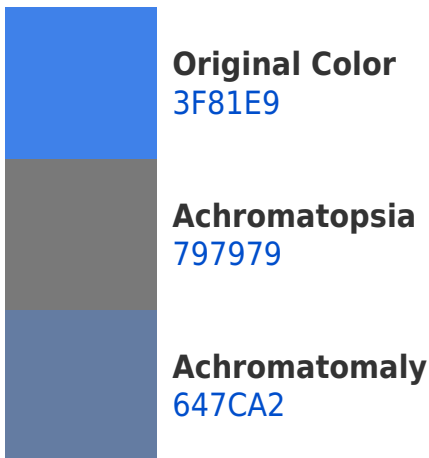


Tritanopia
00909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F81E9 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 #3F81E9 looks like.

```
.text, #text, p{  
    color:#3F81E9  
}
```

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 #3F81E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F81E9
}
```

Border

The CSS property to change the border of an element to Hex 3F81E9 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
#3F81E9 }
```

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

```
.border{ border-color:#3F81E9 }
```

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

Here you see how a box with a 4 pixel #3F81E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F81E9; -webkit-box-shadow:4px 4px  
4px 4px #3F81E9; box-shadow:4px 4px 4px  
4px #3F81E9 }
```

Background

The CSS property to change the background color of an element to Hex 3F81E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F81E9 }
```

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

```
.background{ background-color:#3F81E9 }
```

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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