

Converting Colors

Hex(3F81D9)

Have a look what the booklet for
Hex(3F81D9) contains.

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Color

Hex(3F81D9)

Conversions

Conversions Part 1

Format	Color
Hex	3F81D9
RGB	63, 129, 217
RGB Percent	25%, 51%, 85%
CMY	0.7529, 0.4941, 0.1490
CMYK	0.71, 0.41, 0.00, 0.15
HSL	214°, 67%, 55%
HSV	214°, 71%, 85%
XYZ	22.4245, 21.7670, 68.6652
YIQ	119.2980, -67.5840, 13.3760

Conversions

Conversions Part 2

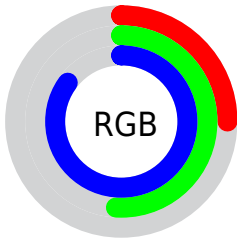
Format	Color
R _{YB}	63, 109, 217
Decimal	4162009
CIE Lab	53.78, 8.19, -51.20
CIE LCh	54, 51.851, 279.083
Yxy	21.7670, 0.1987, 0.1929
Android (android.graphics.Color)	4282352089 (0xFF3F81D9)
YUV	119.2980, 48.1671, -49.3733
Hunter-Lab	46.6551, 4.1485, -54.6021

Details

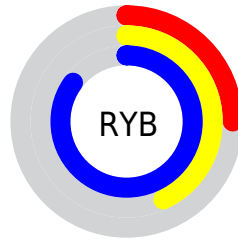
The Hex color **3F81D9** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **D9973F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **80B5FF**, and **0051A1** is the 20% darker color. If you saturate the color by 10%, you get **2975D9**, and if you desaturate by 10%, it is **558DD9**.

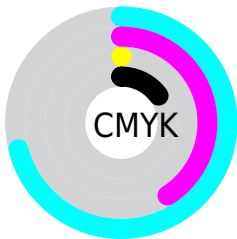
Distribution



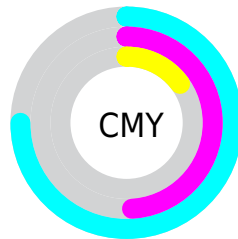
- Red (25%)
- Green (51%)
- Blue (85%)



- Red (25%)
- Yellow (43%)
- Blue (85%)



- Cyan (71%)
- Magenta (41%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F81D9 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 3F81D9 by changing the saturation by 10% instead.

■ 3F81D9

■ 3F81D9

FFFFFF

■ 0B68BD

■ 80B5FF

■ 0051A1

■ 9ED1FF

■ 003A87

■ BCEDFF

■ 00266D

■ DAFFFF

■ 001154

■ F8FFFF

■ 00063C

■ 000225

■ 00010E

■ 000000

■ 3F81D9

■ 3F81D9

■ 2975D9

■ 558DD9

■ 1468D9

■ 6A9AD9

■ 005DD9

■ 80A6D9

■ 96B3D9

■ ACBFD9

■ C1CBD9

■ D7D8D9

■ EDE4D9

■ FFF1D9

Harmonies

Analogous

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



008ED4



3F81D9



946FC6

Triad

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



3F81D9



CB614A



00945F

Complementary

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



3F81D9



D9973F

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.



5B8E37



3F81D9



B1732A

Square

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



3F81D9



D25775



8B831F



00968D

Rectangle

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



3F81D9



B562AF



8B831F



2B9250

Sweetspot

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



3F81D9



C9E0FF



3FD996



606D80



000000



808080

Same Dimension

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



3F81D9



2683FF



493FD9



63676E



004AAD



00142E

Inverse Universe

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



D93F81



FF2683



CFD93F



6E6367



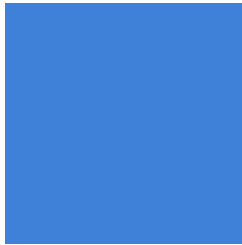
AD004A



2E0014

Previews

White Background



This preview shows how the Hex color 3F81D9 looks on a white background.

Color Contrast Check

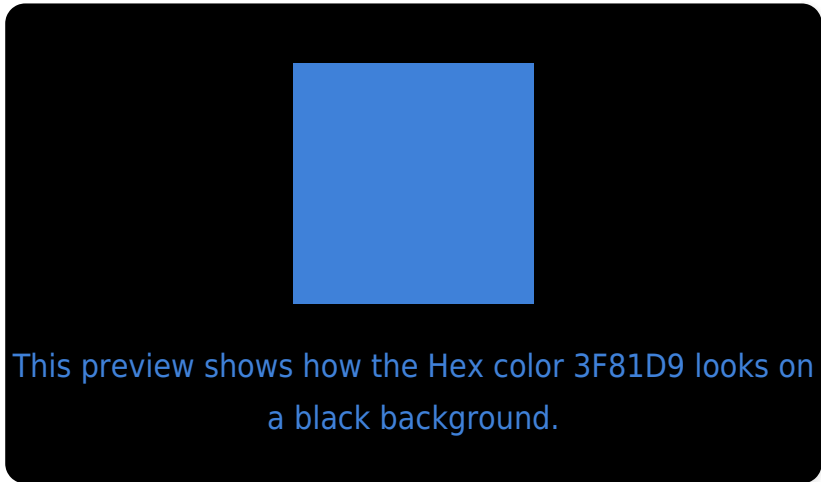
Large Text (above 18pt) WCAG AA ✓ Pass

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

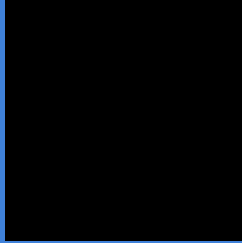
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

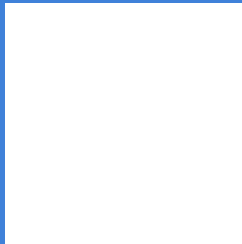
Any Text WCAG AAA × Fail

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

Hex 3F81D9 Background



This preview shows how black text looks on a background with the Hex color 3F81D9.

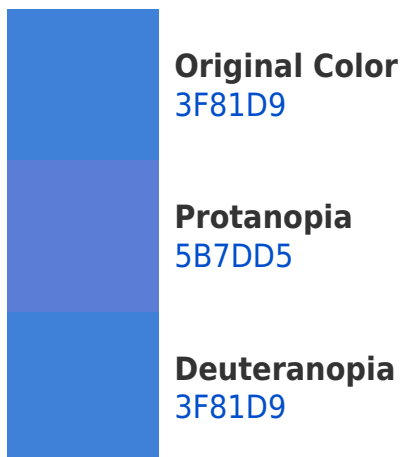


This preview shows how white text looks on a background with the Hex color 3F81D9.

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](#).

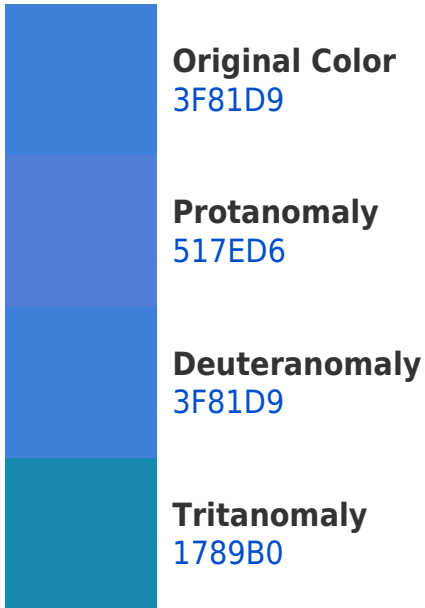
Dichromacy





Tritanopia
008E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F81D9 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 #3F81D9 looks like.

```
.text, #text, p{  
    color:#3F81D9  
}
```

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 #3F81D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F81D9
}
```

Border

The CSS property to change the border of an element to Hex 3F81D9 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
#3F81D9 }
```

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

```
.border{ border-color:#3F81D9 }
```

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

Here you see how a box with a 4 pixel #3F81D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F81D9; -webkit-box-shadow:4px 4px  
4px 4px #3F81D9; box-shadow:4px 4px 4px  
4px #3F81D9 }
```

Background

The CSS property to change the background color of an element to Hex 3F81D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F81D9 }
```

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

```
.background{ background-color:#3F81D9 }
```

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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