

Converting Colors

Hex(3D81F5)

Have a look what the booklet for
Hex(3D81F5) contains.

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Color

Hex(3D81F5)

Conversions

Conversions Part 1

Format	Color
Hex	3D81F5
RGB	61, 129, 245
RGB Percent	24%, 51%, 96%
CMY	0.7608, 0.4941, 0.0392
CMYK	0.75, 0.47, 0.00, 0.04
HSL	218°, 90%, 60%
HSV	218°, 75%, 96%
XYZ	26.2562, 23.2852, 89.4968
YIQ	121.8920, -77.7640, 21.6600

Conversions

Conversions Part 2

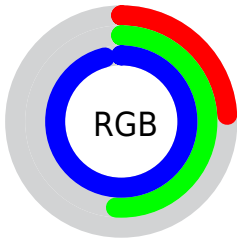
Format	Color
R _Y B	61, 111, 245
Decimal	4030965
CIE Lab	55.36, 18.03, -64.30
CIE LCh	55, 66.784, 285.663
Yxy	23.2852, 0.1888, 0.1675
Android (android.graphics.Color)	4282221045 (0xFF3D81F5)
YUV	121.8920, 60.6922, -53.4023
Hunter-Lab	48.2547, 12.6789, -76.1854

Details

The Hex color **3D81F5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **F5B13D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **84B5FF**, and **0051BC** is the 20% darker color. If you saturate the color by 10%, you get **2472F5**, and if you desaturate by 10%, it is **5690F5**.

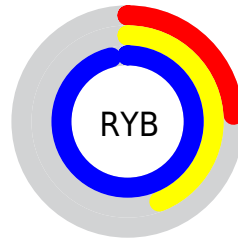
Distribution



Red (24%)

Green (51%)

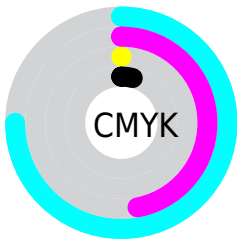
Blue (96%)



Red (24%)

Yellow (44%)

Blue (96%)

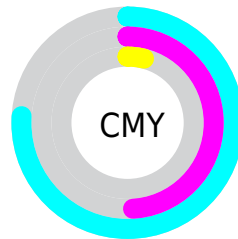


Cyan (75%)

Magenta (47%)

Yellow (0%)

Black (4%)



Cyan (76%)

Magenta (49%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D81F5 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 3D81F5 by changing the saturation by 10% instead.

 3D81F5

 3D81F5

FFFFFF

 0068D8

 84B5FF

 0051BC

 A3D1FF

 003BA0

 C2EDFF

 002785

 E1FFFF

 00146B

 000B52

 00063A

 000224

 00000B

■ 3D81F5

■ 3D81F5

■ 2472F5

■ 5690F5

■ 0C62F5

■ 6EA0F5

■ 005BF5

■ 86AFF5

■ 9FBFF5

■ B7CEF5

■ D0DEF5

■ E9EDF5

■ FFFDF5

■ FFFFF5

Harmonies

Analogous

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



0093F5



3D81F5



AD66D6

Triad

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



3D81F5



DB5E33



009D66

Complementary

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



3D81F5



F5B13D

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.



3B972B



3D81F5



B67800

Square

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



3D81F5



EB4869



838B00



009FA2

Rectangle

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



3D81F5



D253B5



838B00



009C52

Sweetspot

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



3D81F5



C4DAFF



3DF5AE



5C6980



000000



808080

Same Dimension

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



3D81F5



196EFF



523DF5



6E737A



0045BA



00163B

Inverse Universe

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



F53D81



FF196E



E0F53D



7A6E73



BA0045



3B0016

Previews

White Background



This preview shows how the Hex color 3D81F5 looks on a white background.

Color Contrast Check

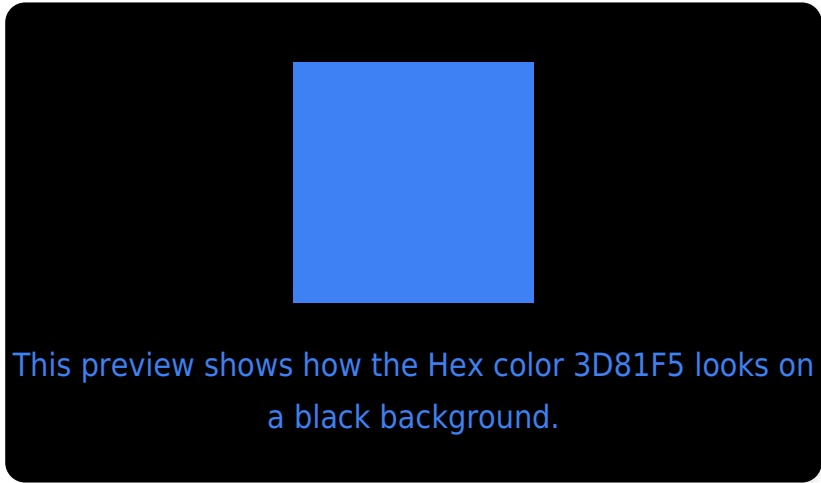
Large Text (above 18pt) WCAG AA ✓ Pass

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

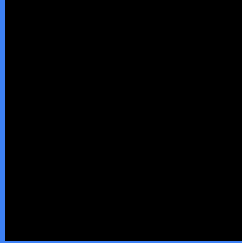
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

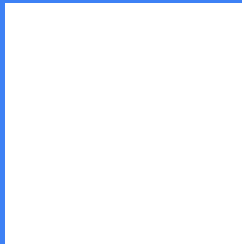
Any Text WCAG AAA × Fail

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

Hex 3D81F5 Background



This preview shows how black text looks on a background with the Hex color 3D81F5.



This preview shows how white text looks on a background with the Hex color 3D81F5.

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](#).

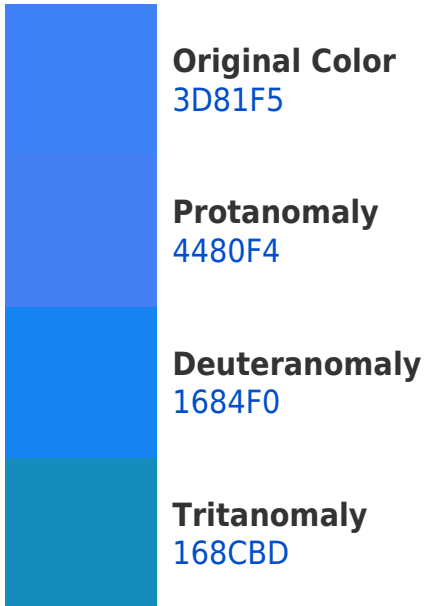
Dichromacy



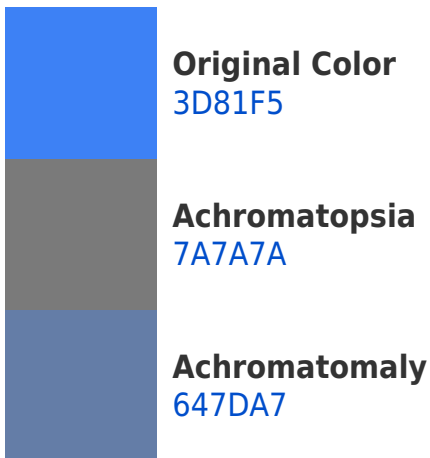


Tritanopia
00929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D81F5 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 #3D81F5 looks like.

```
.text, #text, p{  
    color:#3D81F5  
}
```

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 #3D81F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D81F5
}
```

Border

The CSS property to change the border of an element to Hex 3D81F5 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
#3D81F5 }
```

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

```
.border{ border-color:#3D81F5 }
```

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

Here you see how a box with a 4 pixel #3D81F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D81F5; -webkit-box-shadow:4px 4px  
4px 4px #3D81F5; box-shadow:4px 4px 4px  
4px #3D81F5 }
```

Background

The CSS property to change the background color of an element to Hex 3D81F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D81F5 }
```

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

```
.background{ background-color:#3D81F5 }
```

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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