

Converting Colors

Hex(3641F2)

Have a look what the booklet for
Hex(3641F2) contains.

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Color

Hex(3641F2)

Conversions

Conversions Part 1

Format	Color
Hex	3641F2
RGB	54, 65, 242
RGB Percent	21%, 25%, 95%
CMY	0.7882, 0.7451, 0.0510
CMYK	0.78, 0.73, 0.00, 0.05
HSL	236°, 88%, 58%
HSV	236°, 78%, 95%
XYZ	19.4386, 10.9757, 85.0984
YIQ	81.8890, -63.3730, 52.7150

Conversions

Conversions Part 2

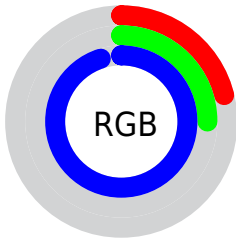
Format	Color
RYB	54, 64, 242
Decimal	3555826
CIELab	39.54, 55.19, -88.47
CIElCh	40, 104.273, 301.959
Yxy	10.9757, 0.1683, 0.0950
Android (android.graphics.Color)	4281745906 (0xFF3641F2)
YUV	81.8890, 78.9347, -24.4587
Hunter-Lab	33.1295, 46.7575, -129.1049

Details

The Hex color **3641F2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **F2E736**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8373FF**, and **0012B8** is the 20% darker color. If you saturate the color by 10%, you get **1E2AF2**, and if you desaturate by 10%, it is **4E58F2**.

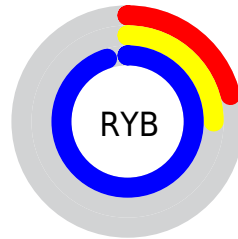
Distribution



 Red (21%)

 Green (25%)

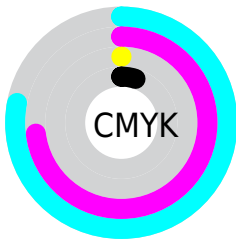
 Blue (95%)




 Red (21%)

 Yellow (25%)

 Blue (95%)

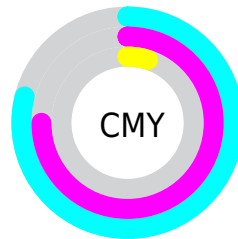


 Cyan (78%)

 Magenta (73%)

 Yellow (0%)

 Black (5%)



 Cyan (79%)

 Magenta (75%)

 Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3641F2 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 3641F2 by changing the saturation by 10% instead.

■ 3641F2

■ 3641F2

FFFFFF

■ 0029D5

■ 8373FF

■ 0012B8

■ A48DFF

■ 00009C

■ C4A8FF

■ 000081

■ E3C3FF

■ 000A67

■ FFDFFF

■ 000A4E

■ FFFCFF

■ 000536

■ 000220

■ 000004

 3641F2

 3641F2

 1E2AF2

 4E58F2

 0613F2

 666FF2

 000EF2

 7F85F2

 979CF2

 AFB3F2

 C7CAF2

 DFE0F2

 F8F7F2

 FFFFF2

Harmonies

Analogous

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



006AFF



3641F2



BF00AF

Triad

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



3641F2



AE3000



007A61

Complementary

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



3641F2



F2E736

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.



007700



3641F2



6E5D00

Square

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



3641F2



D90007



006F00



007CB7

Rectangle

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



3641F2



DE0078



006F00



007943

Sweetspot

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



3641F2



C4C8FF



36F2E5



5C5E80



000000



808080

Same Dimension

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



3641F2



1220FF



8736F2



6C6D78



000BB8



000338

Inverse Universe

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



F23641



FF1220



A1F236



786C6D



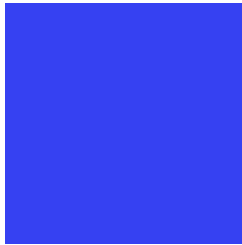
B8000B



380003

Previews

White Background



This preview shows how the Hex color 3641F2 looks on a white background.

Color Contrast Check

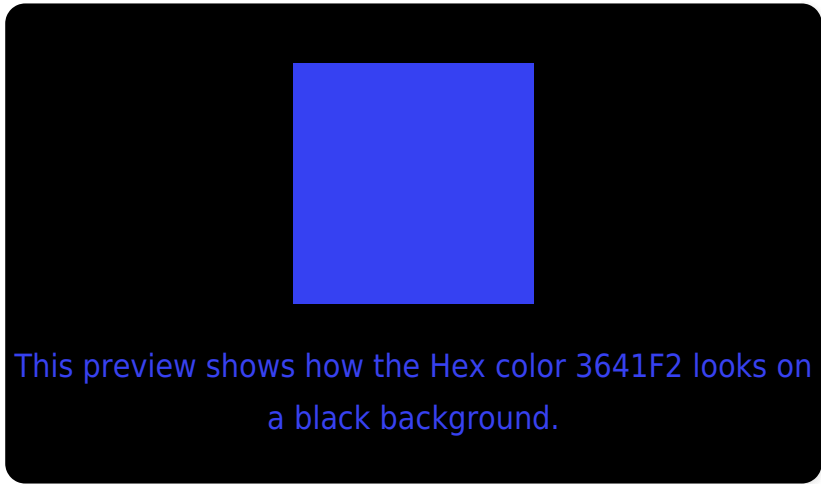
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

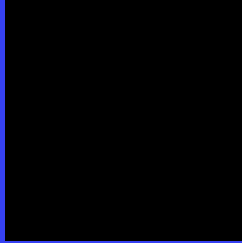
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3641F2 Background



This preview shows how black text looks on a background with the Hex color 3641F2.



This preview shows how white text looks on a background with the Hex color 3641F2.

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
3641F2

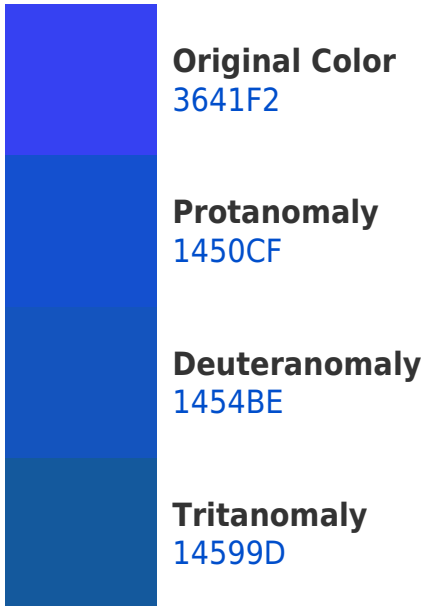
Protanopia
0059BB

Deuteranopia
005FA0



Tritanopia
00666C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3641F2 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 #3641F2 looks like.

```
.text, #text, p{  
    color:#3641F2  
}
```

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 #3641F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3641F2
}
```

Border

The CSS property to change the border of an element to Hex 3641F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

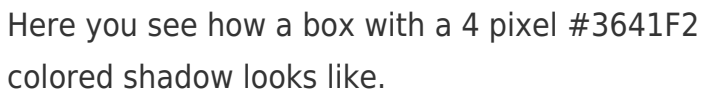
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3641F2 }
```

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

```
.border{ border-color:#3641F2 }
```

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



Here you see how a box with a 4 pixel #3641F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3641F2; -webkit-box-shadow:4px 4px  
4px 4px #3641F2; box-shadow:4px 4px 4px  
4px #3641F2 }
```

Background

The CSS property to change the background color of an element to Hex 3641F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3641F2 }
```

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

```
.background{ background-color:#3641F2 }
```

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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