

Converting Colors

Hex(3D64F2)

Have a look what the booklet for
Hex(3D64F2) contains.

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Color

Hex(3D64F2)

Conversions

Conversions Part 1

Format	Color
Hex	3D64F2
RGB	61, 100, 242
RGB Percent	24%, 39%, 95%
CMY	0.7608, 0.6078, 0.0510
CMYK	0.75, 0.59, 0.00, 0.05
HSL	227°, 87%, 59%
HSV	227°, 75%, 95%
XYZ	22.5087, 16.5172, 86.0062
YIQ	104.5270, -68.8260, 35.8940

Conversions

Conversions Part 2

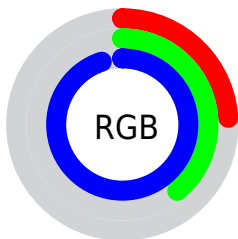
Format	Color
R _{YB}	61, 93, 242
Decimal	4023538
CIE Lab	47.65, 35.01, -75.14
CIE LCh	48, 82.898, 294.979
Yxy	16.5172, 0.1800, 0.1321
Android (android.graphics.Color)	4282213618 (0xFF3D64F2)
YUV	104.5270, 67.7742, -38.1732
Hunter-Lab	40.6414, 27.7371, -97.0217

Details

The Hex color **3D64F2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F2CB3D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8496FF**, and **0036B9** is the 20% darker color. If you saturate the color by 10%, you get **2551F2**, and if you desaturate by 10%, it is **5577F2**.

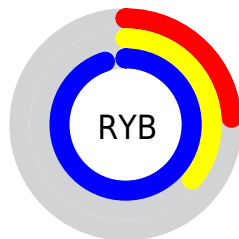
Distribution



Red (24%)

Green (39%)

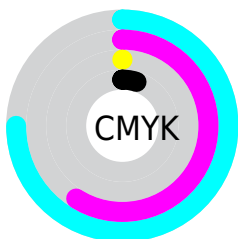
Blue (95%)



Red (24%)

Yellow (36%)

Blue (95%)

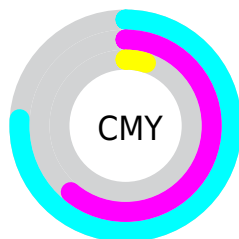


Cyan (75%)

Magenta (59%)

Yellow (0%)

Black (5%)



Cyan (76%)

Magenta (61%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D64F2 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 3D64F2 by changing the saturation by 10% instead.

 3D64F2

 3D64F2

FFFFFF

 004CD5

 8496FF

 0036B9

 A4B1FF

 00229D

 C3CCFF

 001182

 E3E9FF

 000068

 000A4F

 000537

 000221

 000005

 3D64F2

 3D64F2

 2551F2

 5577F2

 0D3EF2

 6D8AF2

 0034F2

 869DF2

 9EB0F2

 B6C3F2

 CED6F2

 E6E9F2

 FFFCF2

 FFFFF2

Harmonies

Analogous

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



007EFF



3D64F2



B636C3

Triad

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



3D64F2



C64800



008C63

Complementary

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



3D64F2



F2CB3D

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.



00880F



3D64F2



946A00

Square

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



3D64F2



E3003B



517E00



008EAB

Rectangle

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



3D64F2



D80097



517E00



008B4A

Sweetspot

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



3D64F2



C7D3FF



3DF2CB



5E6580



000000



808080

Same Dimension

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



3D64F2



194BFF



703DF2



6C6E78



0028B8



000C38

Inverse Universe

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



F23D64



FF194B



BFF23D



786C6E



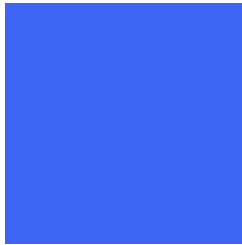
B80028



38000C

Previews

White Background



This preview shows how the Hex color 3D64F2 looks on a white background.

Color Contrast Check

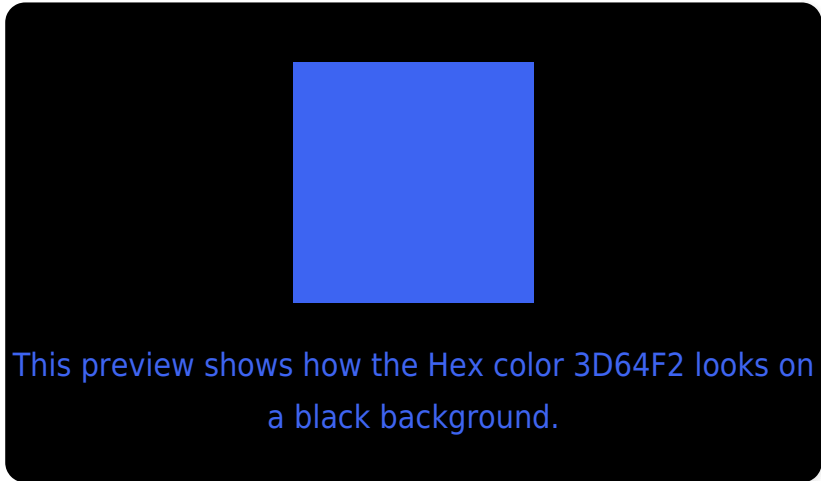
Large Text (above 18pt) WCAG AA ✓ Pass

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

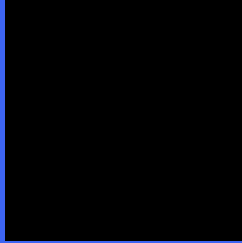
Any Text WCAG AA × Fail

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 3D64F2 Background



This preview shows how black text looks on a background with the Hex color 3D64F2.

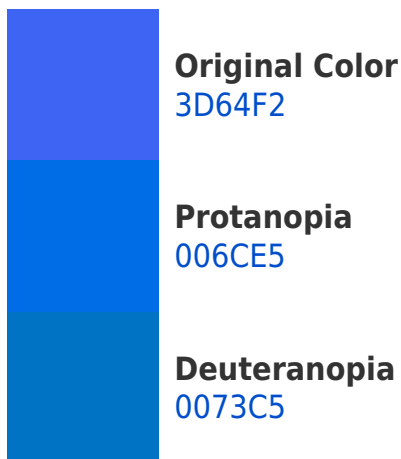


This preview shows how white text looks on a background with the Hex color 3D64F2.

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](#).

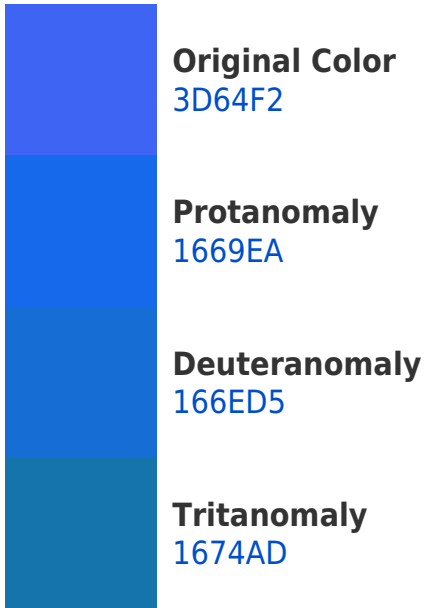
Dichromacy





Tritanopia
007D85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D64F2 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 #3D64F2 looks like.

```
.text, #text, p{  
    color:#3D64F2  
}
```

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 #3D64F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D64F2
}
```

Border

The CSS property to change the border of an element to Hex 3D64F2 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
#3D64F2 }
```

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

```
.border{ border-color:#3D64F2 }
```

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

Here you see how a box with a 4 pixel #3D64F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D64F2; -webkit-box-shadow:4px 4px  
4px 4px #3D64F2; box-shadow:4px 4px 4px  
4px #3D64F2 }
```

Background

The CSS property to change the background color of an element to Hex 3D64F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D64F2 }
```

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

```
.background{ background-color:#3D64F2 }
```

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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