

Converting Colors

Hex(3D65F3)

Have a look what the booklet for
Hex(3D65F3) contains.

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Color

Hex(3D65F3)

Conversions

Conversions Part 1

Format	Color
Hex	3D65F3
RGB	61, 101, 243
RGB Percent	24%, 40%, 95%
CMY	0.7608, 0.6039, 0.0471
CMYK	0.75, 0.58, 0.00, 0.05
HSL	227°, 88%, 60%
HSV	227°, 75%, 95%
XYZ	22.7558, 16.7705, 86.8317
YIQ	105.2280, -69.4220, 35.6820

Conversions

Conversions Part 2

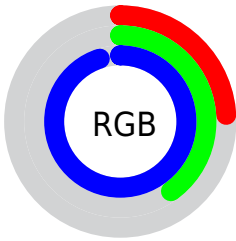
Format	Color
R _{YB}	61, 94, 243
Decimal	4023795
CIE Lab	47.97, 34.74, -75.18
CIE LCh	48, 82.815, 294.803
Yxy	16.7705, 0.1801, 0.1327
Android (android.graphics.Color)	4282213875 (0xFF3D65F3)
YUV	105.2280, 67.9216, -38.7880
Hunter-Lab	40.9518, 27.5219, -97.0485

Details

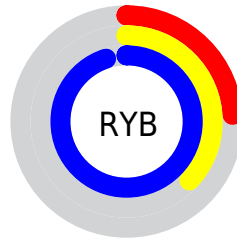
The Hex color **3D65F3** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F3CB3D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8598FF**, and **0037BA** is the 20% darker color. If you saturate the color by 10%, you get **2552F3**, and if you desaturate by 10%, it is **5578F3**.

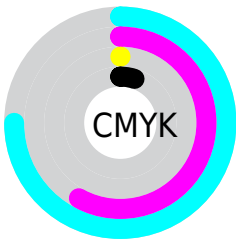
Distribution



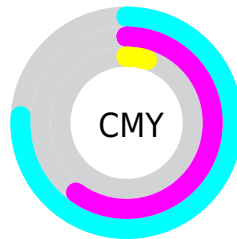
- Red (24%)
- Green (40%)
- Blue (95%)



- Red (24%)
- Yellow (37%)
- Blue (95%)



- Cyan (75%)
- Magenta (58%)
- Yellow (0%)
- Black (5%)



- Cyan (76%)
- Magenta (60%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D65F3 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 3D65F3 by changing the saturation by 10% instead.

 3D65F3

 3D65F3

FFFFFF

 004DD6

 8598FF

 0037BA

 A4B2FF

 00239E

 C4CEFF

 001283

 E3EAFF

 000069

 000A50

 000538

 000221

 000007

■ 3D65F3

■ 3D65F3

■ 2552F3

■ 5578F3

■ 0C3FF3

■ 6E8BF3

■ 0035F3

■ 869EF3

■ 9EB1F3

■ B6C4F3

■ CFD7F3

■ E7EAF3

■ FFFDF3

■ FFFFF3

Harmonies

Analogous

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



007FFF



3D65F3



B737C4

Triad

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



3D65F3



C74800



008D63

Complementary

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



3D65F3



F3CB3D

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.



00890F



3D65F3



956B00

Square

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



3D65F3



E4003D



527F00



008EAB

Rectangle

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



3D65F3



D90098



527F00



008C4A

Sweetspot

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



3D65F3



C7D3FF



3DF3C9



5E6680



000000



808080

Same Dimension

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



3D65F3



194CFF



6E3DF3



6E717A



0029BA



000D3B

Inverse Universe

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



F33D65



FF194C



C2F33D



7A6E71



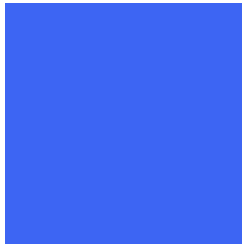
BA0029



3B000D

Previews

White Background



This preview shows how the Hex color 3D65F3 looks on a white background.

Color Contrast Check

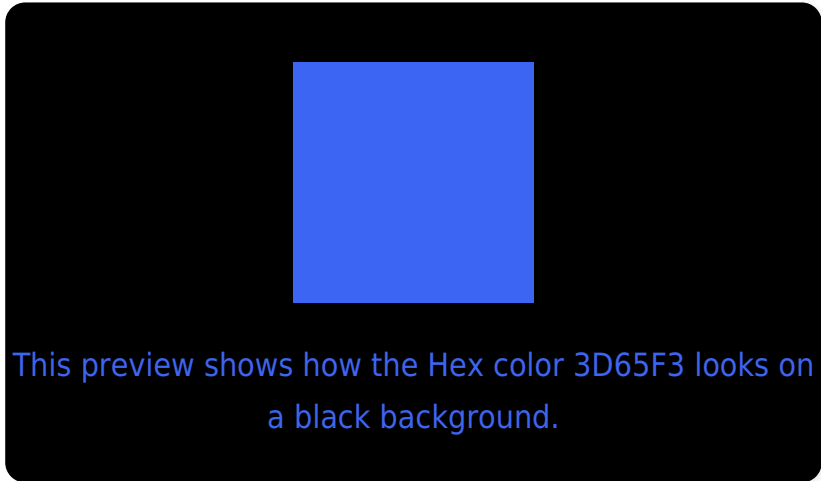
Large Text (above 18pt) WCAG AA ✓ Pass

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

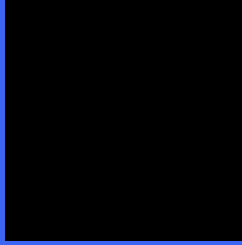
Any Text WCAG AA × Fail

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 3D65F3 Background



This preview shows how black text looks on a background with the Hex color 3D65F3.



This preview shows how white text looks on a background with the Hex color 3D65F3.

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
3D65F3

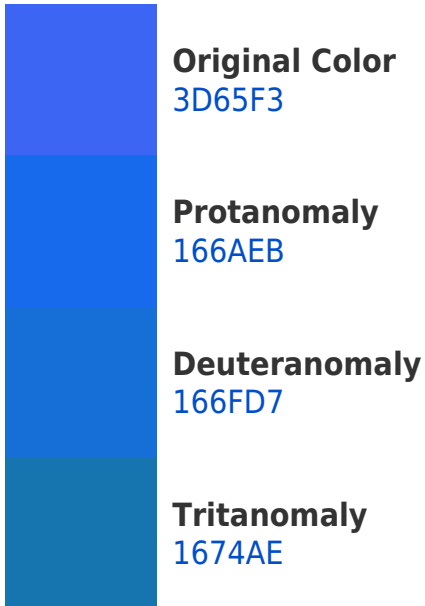
Protanopia
006DE7

Deuteranopia
0074C7



Tritanopia
007D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D65F3 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 #3D65F3 looks like.

```
.text, #text, p{  
    color:#3D65F3  
}
```

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 #3D65F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D65F3
}
```

Border

The CSS property to change the border of an element to Hex 3D65F3 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
#3D65F3 }
```

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

```
.border{ border-color:#3D65F3 }
```

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

Here you see how a box with a 4 pixel #3D65F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D65F3; -webkit-box-shadow:4px 4px  
4px 4px #3D65F3; box-shadow:4px 4px 4px  
4px #3D65F3 }
```

Background

The CSS property to change the background color of an element to Hex 3D65F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D65F3 }
```

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

```
.background{ background-color:#3D65F3 }
```

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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