

Converting Colors

Hex(3D76F0)

Have a look what the booklet for
Hex(3D76F0) contains.

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Color

Hex(3D76F0)

Conversions

Conversions Part 1

Format	Color
Hex	3D76F0
RGB	61, 118, 240
RGB Percent	24%, 46%, 94%
CMY	0.7608, 0.5373, 0.0588
CMYK	0.75, 0.51, 0.00, 0.06
HSL	221°, 86%, 59%
HSV	221°, 75%, 94%
XYZ	24.1311, 20.2402, 85.0730
YIQ	114.8650, -73.1340, 25.8580

Conversions

Conversions Part 2

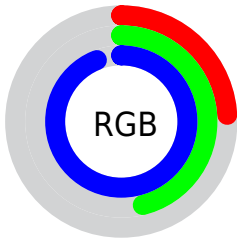
Format	Color
RYB	61, 104, 240
Decimal	4028144
CIELab	52.11, 23.04, -66.78
CIELCh	52, 70.642, 289.032
Yxy	20.2402, 0.1864, 0.1564
Android (android.graphics.Color)	4282218224 (0xFF3D76F0)
YUV	114.8650, 61.6916, -47.2396
Hunter-Lab	44.9892, 17.0120, -80.6230

Details

The Hex color **3D76F0** 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 **F0B73D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **83AAFF**, and **0047B7** is the 20% darker color. If you saturate the color by 10%, you get **2566F0**, and if you desaturate by 10%, it is **5586F0**.

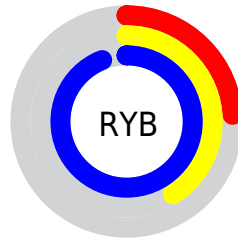
Distribution



Red (24%)

Green (46%)

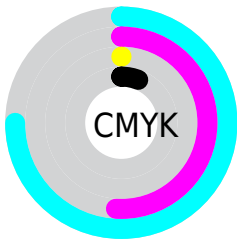
Blue (94%)



Red (24%)

Yellow (41%)

Blue (94%)

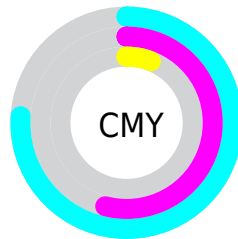


Cyan (75%)

Magenta (51%)

Yellow (0%)

Black (6%)



Cyan (76%)

Magenta (54%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D76F0 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 3D76F0 by changing the saturation by 10% instead.

 3D76F0

 3D76F0

FFFFFF

 005ED3

 83AAFF

 0047B7

 A2C5FF

 00319B

 C1E0FF

 001E81

 E0FDFD

 000767

 000A4E

 000536

 000220

 000004

 3D76F0

 3D76F0

 2566F0

 5586F0

 0D55F0

 6D97F0

 004CF0

 85A7F0

 9DB7F0

 B5C8F0

 CDD8F0

 E5E9F0

 FDF9F0

 FFFFF0

Harmonies

Analogous

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



008AF4



3D76F0



AD58CD

Triad

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



3D76F0



D1551E



009663

Complementary

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



3D76F0



F0B73D

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.



129022



3D76F0



A97200

Square

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



3D76F0



E53859



728500



0097A2

Rectangle

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



3D76F0



D142A9



728500



00944E

Sweetspot

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



3D76F0



C7D9FF



3DF0B4



5E6980



000000



808080

Same Dimension

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



3D76F0



1963FF



5B3DF0



6C7078



003AB8



001238

Inverse Universe

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



F03D76



FF1963



D2F03D



786C70



B8003A



380012

Previews

White Background



This preview shows how the Hex color 3D76F0 looks on a white background.

Color Contrast Check

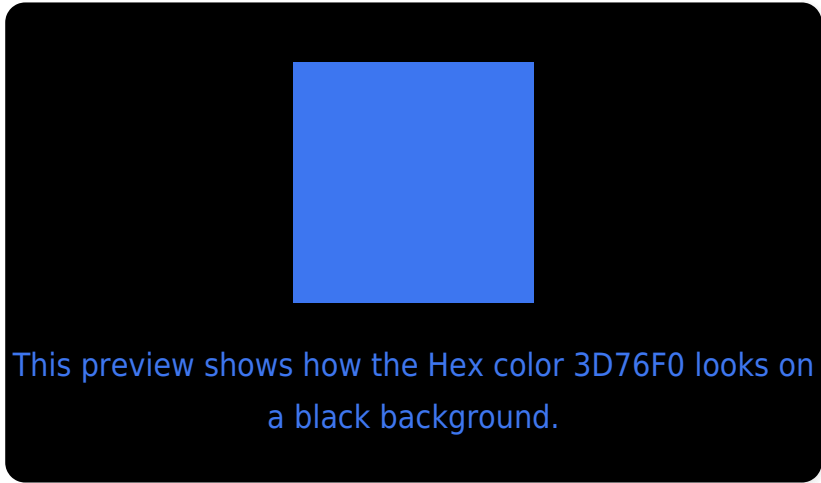
Large Text (above 18pt) WCAG AA ✓ Pass

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

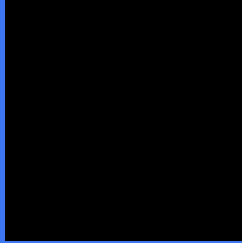
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

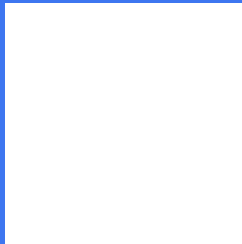
Any Text WCAG AAA × Fail

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

Hex 3D76F0 Background



This preview shows how black text looks on a background with the Hex color 3D76F0.



This preview shows how white text looks on a background with the Hex color 3D76F0.

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
3D76F0

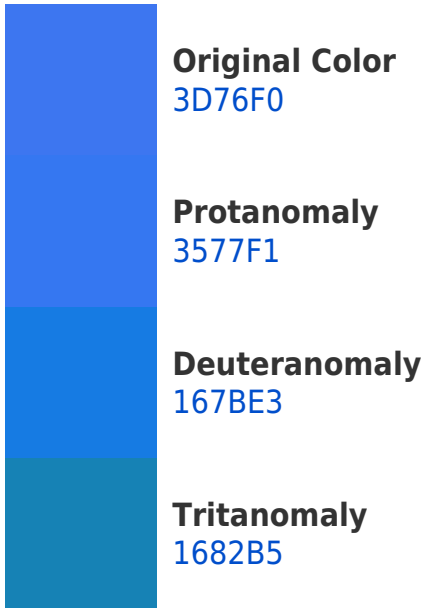
Protanopia
3177F1

Deuteranopia
007EDC

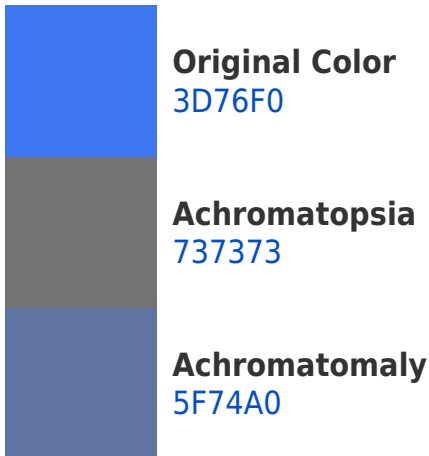


Tritanopia
008993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D76F0 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 #3D76F0 looks like.

```
.text, #text, p{  
    color:#3D76F0  
}
```

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 #3D76F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D76F0
}
```

Border

The CSS property to change the border of an element to Hex 3D76F0 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
#3D76F0 }
```

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

```
.border{ border-color:#3D76F0 }
```

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

Here you see how a box with a 4 pixel #3D76F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D76F0; -webkit-box-shadow:4px 4px  
4px 4px #3D76F0; box-shadow:4px 4px 4px  
4px #3D76F0 }
```

Background

The CSS property to change the background color of an element to Hex 3D76F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D76F0 }
```

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

```
.background{ background-color:#3D76F0 }
```

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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