

# Converting Colors

Hex(3D30F0)

Have a look what the booklet for  
Hex(3D30F0) contains.

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# Color

**Hex(3D30F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D30F0
RGB	61, 48, 240
RGB Percent	24%, 19%, 94%
CMY	0.7608, 0.8118, 0.0588
CMYK	0.75, 0.80, 0.00, 0.06
HSL	244°, 86%, 56%
HSV	244°, 80%, 94%
XYZ	18.7096, 9.3973, 83.2658
YIQ	73.7750, -53.8840, 62.4680

# Conversions

## Conversions Part 2

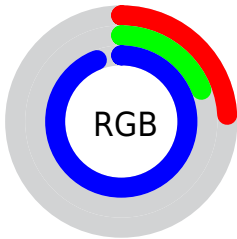
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 48, 240
Decimal	4010224
CIELab	36.74, 63.54, -91.97
CIELCh	37, 111.779, 304.640
Yxy	9.3973, 0.1680, 0.0844
Android (android.graphics.Color)	4282200304 (0xFF3D30F0)
YUV	73.7750, 81.9489, -11.2037
Hunter-Lab	30.6550, 55.2974, -139.5865

# Details

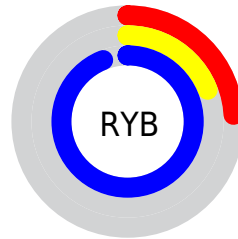
The Hex color **3D30F0** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E3F030**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8863FF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **2718F0**, and if you desaturate by 10%, it is **5348F0**.

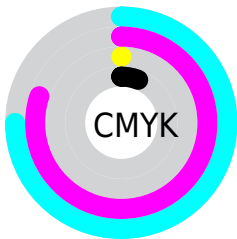
# Distribution



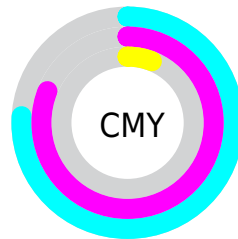
- Red (24%)
- Green (19%)
- Blue (94%)



- Red (24%)
- Yellow (19%)
- Blue (94%)



- Cyan (75%)
- Magenta (80%)
- Yellow (0%)
- Black (6%)



- Cyan (76%)
- Magenta (81%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D30F0 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 3D30F0 by changing the saturation by 10% instead.



 3D30F0

 3D30F0

FFFFFF

 0015D3

 8863FF

 0000B6

 A87EFF

 00009A

 C898FF

 00007F

 E8B4FF

 000C65

 FFD0FF

 00094C

 FFEDFF

 000434

 00021E

 000000

 3D30F0

 3D30F0

 2718F0

 5348F0

 1000F0

 6A60F0

 8078F0

 9690F0

 ADA8F0

 C3C0F0

 DAD8F0

 F0F0F0

 FFFFF0

# Harmonies

## Analogous

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



0063FF



3D30F0



C300A6

# Triad

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



3D30F0



A42A00



007363

# Complementary

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



3D30F0



E3F030

# 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.



007000



3D30F0



5E5900

# Square

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



3D30F0



D40000



006A00



0075BE

# Rectangle

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



3D30F0



DF006B



006A00



007243



# Sweetspot

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



3D30F0



C6C2FF



30E3F0



5D5B80



000000



808080



# Same Dimension

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



3D30F0



1B0AFF



9D30F0



6D6C78



0C00B8



040038



# Inverse Universe

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



F030E3



FF0AEE



83F030



786C77



B800AB

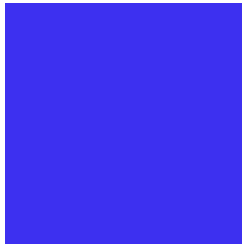


380034



# Previews

## White Background



This preview shows how the Hex color 3D30F0 looks on a white background.

## Color Contrast Check

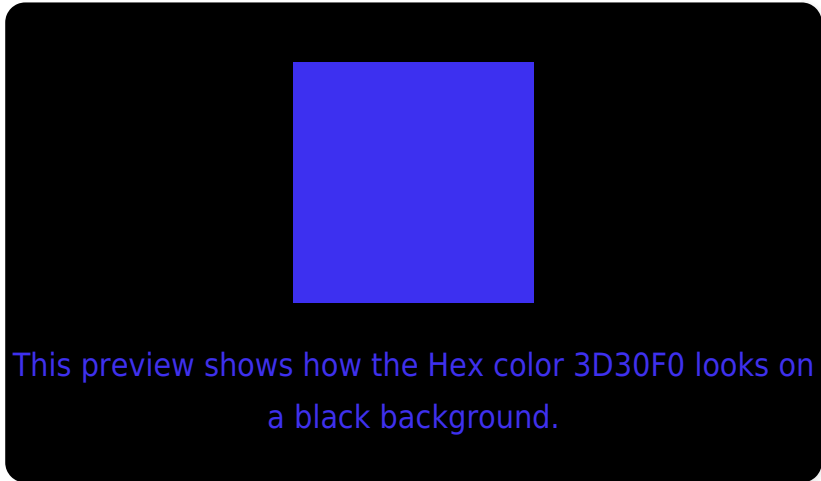
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

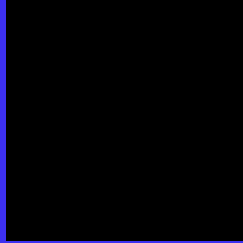
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D30F0 Background



This preview shows how black text looks on a background with the Hex color 3D30F0.



This preview shows how white text looks on a background with the Hex color 3D30F0.

# 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**  
005F65

# Trichromacy



**Original Color**  
3D30F0



**Protanomaly**  
1646C6



**Deuteranomaly**  
1649B5



**Tritanomaly**  
164E98

# Monochromacy



**Original Color**  
3D30F0



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
454186

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D30F0 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 #3D30F0 looks like.

```
.text, #text, p{  
    color:#3D30F0  
}
```

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 #3D30F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D30F0
}
```

## Border

The CSS property to change the border of an element to Hex 3D30F0 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
#3D30F0 }
```

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

```
.border{ border-color:#3D30F0 }
```

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

Here you see how a box with a 4 pixel #3D30F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D30F0; -webkit-box-shadow:4px 4px  
4px 4px #3D30F0; box-shadow:4px 4px 4px  
4px #3D30F0 }
```

# Background

The CSS property to change the background color of an element to Hex 3D30F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D30F0 }
```

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

```
.background{ background-color:#3D30F0 }
```

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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