

Converting Colors

Hex(3D30F3)

Have a look what the booklet for
Hex(3D30F3) contains.

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Color

Hex(3D30F3)

Conversions

Conversions Part 1

Format	Color
Hex	3D30F3
RGB	61, 48, 243
RGB Percent	24%, 19%, 95%
CMY	0.7608, 0.8118, 0.0471
CMYK	0.75, 0.80, 0.00, 0.05
HSL	244°, 89%, 57%
HSV	244°, 80%, 95%
XYZ	19.1591, 9.5771, 85.6328
YIQ	74.1170, -54.8470, 63.4010

Conversions

Conversions Part 2

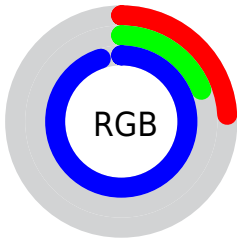
Format	Color
R _Y B	61, 48, 243
Decimal	4010227
CIE Lab	37.07, 64.41, -93.11
CIE LCh	37, 113.212, 304.674
Yxy	9.5771, 0.1675, 0.0837
Android (android.graphics.Color)	4282200307 (0xFF3D30F3)
YUV	74.1170, 83.2593, -11.5036
Hunter-Lab	30.9468, 56.3518, -142.3982

Details

The Hex color **3D30F3** 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 **E6F330**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8863FF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **2618F3**, and if you desaturate by 10%, it is **5448F3**.

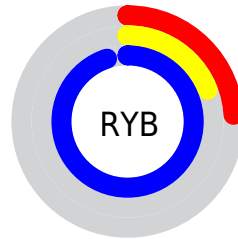
Distribution



Red (24%)

Green (19%)

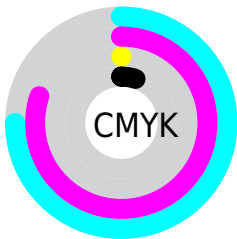
Blue (95%)



Red (24%)

Yellow (19%)

Blue (95%)

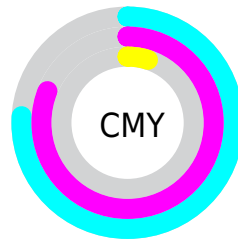


Cyan (75%)

Magenta (80%)

Yellow (0%)

Black (5%)



Cyan (76%)

Magenta (81%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D30F3 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 3D30F3 by changing the saturation by 10% instead.

 3D30F3

 3D30F3

FFFFFF

 0015D6

 8863FF

 0000B9

 A97EFF

 00009D

 C999FF

 000082

 E9B4FF

 000B68

 FFD1FF

 000A4E

 FFEDFF

 000537

 000220

 000005

■ 3D30F3

■ 3D30F3

■ 2618F3

■ 5448F3

■ 1000F3

■ 6A61F3

■ 8179F3

■ 9891F3

■ AEA9F3

■ C5C2F3

■ DCDAF3

■ F2F2F3

■ FFFFF3

Harmonies

Analogous

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



0064FF



3D30F3



C500A8

Triad

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



3D30F3



A52A00



007464

Complementary

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



3D30F3



E6F330

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.



007100



3D30F3



5F5A00

Square

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



3D30F3



D60000



006B00



0076C0

Rectangle

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



3D30F3



E2006C



006B00



007344

Sweetspot

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



3D30F3



C6C2FF



30E6F3



5D5B80



000000



808080

Same Dimension

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



3D30F3



1B0AFF



9E30F3



6F6E7A



0C00BA



04003B

Inverse Universe

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



F330E6



FF0AEF



84F330



7A6E7A



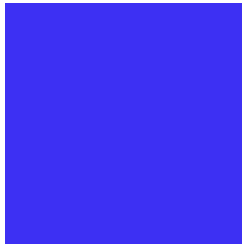
BA00AE



3B0037

Previews

White Background



This preview shows how the Hex color 3D30F3 looks on a white background.

Color Contrast Check

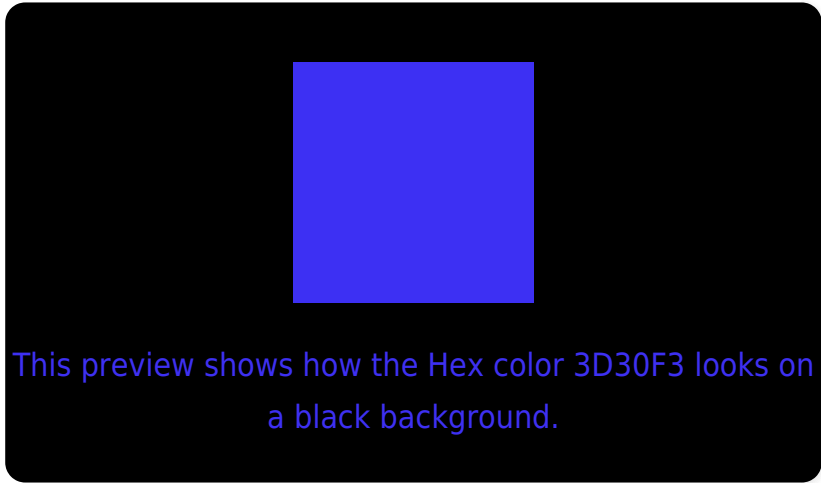
Large Text (above 18pt) WCAG AA ✓ Pass

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

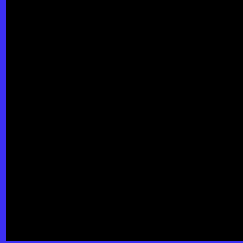
Any Text WCAG AA × Fail

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 3D30F3 Background



This preview shows how black text looks on a background with the Hex color 3D30F3.



This preview shows how white text looks on a background with the Hex color 3D30F3.

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
3D30F3

Protanopia
0053AF

Deuteranopia
005995

Trichromacy



Original Color
3D30F3



Protanomaly
1646C8



Deuteranomaly
164AB7



Tritanomaly
164F99

Monochromacy



Original Color
3D30F3



Achromatopsia
4A4A4A



Achromatomaly
454187

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D30F3 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 #3D30F3 looks like.

```
.text, #text, p{  
    color:#3D30F3  
}
```

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 #3D30F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D30F3
}
```

Border

The CSS property to change the border of an element to Hex 3D30F3 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
#3D30F3 }
```

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

```
.border{ border-color:#3D30F3 }
```

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

Here you see how a box with a 4 pixel #3D30F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D30F3; -webkit-box-shadow:4px 4px  
4px 4px #3D30F3; box-shadow:4px 4px 4px  
4px #3D30F3 }
```

Background

The CSS property to change the background color of an element to Hex 3D30F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D30F3 }
```

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

```
.background{ background-color:#3D30F3 }
```

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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