

Converting Colors

Hex(303FF0)

Have a look what the booklet for
Hex(303FF0) contains.

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Color

Hex(303FF0)

Conversions

Conversions Part 1

Format	Color
Hex	303FF0
RGB	48, 63, 240
RGB Percent	19%, 25%, 94%
CMY	0.8118, 0.7529, 0.0588
CMYK	0.80, 0.74, 0.00, 0.06
HSL	235°, 86%, 56%
HSV	235°, 80%, 94%
XYZ	18.7246, 10.4747, 83.4730
YIQ	78.6930, -65.7570, 51.8670

Conversions

Conversions Part 2

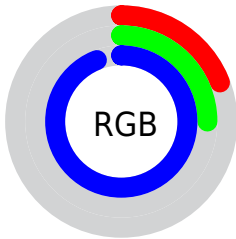
Format	Color
R_{YB}	48, 62, 240
Decimal	3162096
CIE _{Lab}	38.68, 55.24, -88.77
CIE _{LCh}	39, 104.552, 301.894
Yxy	10.4747, 0.1662, 0.0930
Android (android.graphics.Color)	4281352176 (0xFF303FF0)
YUV	78.6930, 79.5244, -26.9178
Hunter-Lab	32.3646, 46.6336, -130.2624

Details

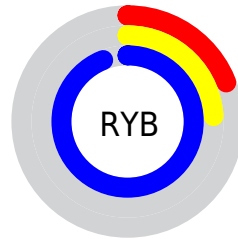
The Hex color **303FF0** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **F0E130**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7F70FF**, and **0011B6** is the 20% darker color. If you saturate the color by 10%, you get **1829F0**, and if you desaturate by 10%, it is **4855F0**.

Distribution



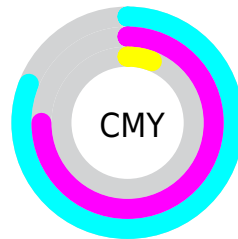
- Red (19%)
- Green (25%)
- Blue (94%)



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



- Cyan (80%)
- Magenta (74%)
- Yellow (0%)
- Black (6%)



- Cyan (81%)
- Magenta (75%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303FF0 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 303FF0 by changing the saturation by 10% instead.

 303FF0

 303FF0

FFFFFF

 0028D3

 7F70FF

 0011B6

 A08AFF

 00009B

 C0A5FF

 000080

 E0C1FF

 000C65

 FFDDFF

 00094C

 FFFAFF

 000534

 00021E

 000001

 303FF0


 303FF0

 1829F0

 4855F0

 0013F0

 606BF0

 7881F0

 9097F0

 A8AEF0

 C0C4F0

 D8DAF0

 F0F0F0

 FFFFF0

Harmonies

Analogous

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



0069FF



303FF0



BD00AD

Triad

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



303FF0



AB2D00



00775F

Complementary

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



303FF0



F0E130

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.



007400



303FF0



6B5B00

Square

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



303FF0



D70005



006D00



0079B5

Rectangle

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



303FF0



DC0076



006D00



007640

Sweetspot

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



303FF0



C2C7FF



30F0E0



5B5D80



000000



808080

Same Dimension

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



303FF0



0A1DFF



8030F0



6C6D78



000EB8



000438

Inverse Universe

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



F0303F



FF0A1D



A0F030



786C6D



B8000E



380004

Previews

White Background



This preview shows how the Hex color 303FF0 looks on a white background.

Color Contrast Check

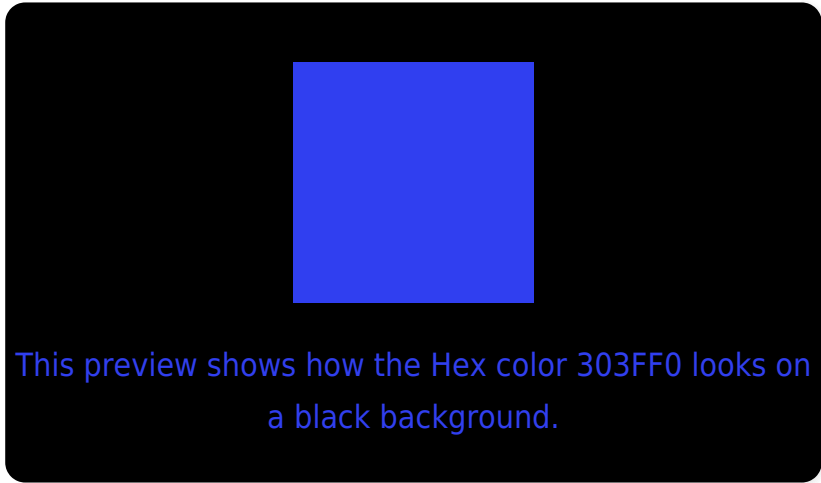
Large Text (above 18pt) WCAG AA ✓ Pass

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

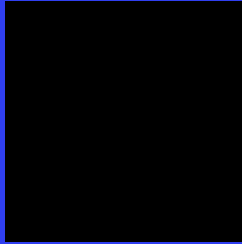
Any Text WCAG AA × Fail

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 303FF0 Background



This preview shows how black text looks on a background with the Hex color 303FF0.

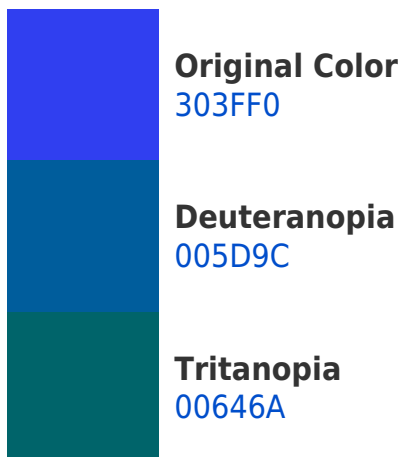


This preview shows how white text looks on a background with the Hex color 303FF0.

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



Trichromacy



Original Color
303FF0

Deuteranomaly
1152BB

Tritanomaly
11579B

Monochromacy



Original Color
303FF0

Achromatopsia
4F4F4F

Achromatomaly
44498A

CSS Examples

Text

The CSS property to change the color of the text to Hex 303FF0 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 #303FF0 looks like.

```
.text, #text, p{  
    color:#303FF0  
}
```

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 #303FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303FF0
}
```

Border

The CSS property to change the border of an element to Hex 303FF0 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
#303FF0 }
```

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

```
.border{ border-color:#303FF0 }
```

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

Here you see how a box with a 4 pixel #303FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303FF0; -webkit-box-shadow:4px 4px  
4px 4px #303FF0; box-shadow:4px 4px 4px  
4px #303FF0 }
```

Background

The CSS property to change the background color of an element to Hex 303FF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303FF0 }
```

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

```
.background{ background-color:#303FF0 }
```

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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