

# Converting Colors

Hex(304FF2)

Have a look what the booklet for  
Hex(304FF2) contains.

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# Color

**Hex(304FF2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	304FF2
RGB	48, 79, 242
RGB Percent	19%, 31%, 95%
CMY	0.8118, 0.6902, 0.0510
CMYK	0.80, 0.67, 0.00, 0.05
HSL	230°, 88%, 57%
HSV	230°, 80%, 95%
XYZ	20.0419, 12.6311, 85.3861
YIQ	88.3130, -70.7990, 44.1210

# Conversions

## Conversions Part 2

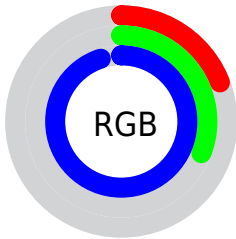
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 75, 242
Decimal	3166194
CIE <sub>Lab</sub>	42.20, 46.73, -84.08
CIE <sub>LCh</sub>	42, 96.198, 299.064
Yxy	12.6311, 0.1698, 0.1070
Android (android.graphics.Color)	4281356274 (0xFF304FF2)
<b>YUV</b>	88.3130, 75.7677, -35.3545
Hunter-Lab	35.5403, 38.4642, -117.5668

# Details

The Hex color **304FF2** 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 **F2D330**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7E80FF**, and **0023B8** is the 20% darker color. If you saturate the color by 10%, you get **183BF2**, and if you desaturate by 10%, it is **4863F2**.

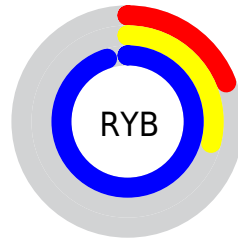
# Distribution



 Red (19%)

 Green (31%)

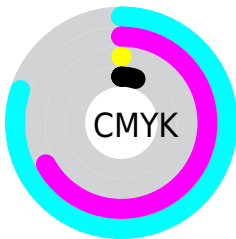
 Blue (95%)




 Red (19%)

 Yellow (29%)

 Blue (95%)

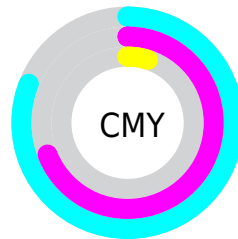


 Cyan (80%)

 Magenta (67%)

 Yellow (0%)

 Black (5%)



 Cyan (81%)

 Magenta (69%)

 Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 304FF2 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 304FF2 by changing the saturation by 10% instead.



 304FF2

 304FF2

FFFFFF

 0038D5

 7E80FF

 0023B8

 9F9BFF

 00109D

 BFB6FF

 000082

 DFD1FF

 000767

 FEEEFF

 000A4E

 000536

 000220

 000004

 304FF2

 304FF2

 183BF2

 4863F2

 0027F2

 6078F2

 798CF2

 91A0F2

 A9B5F2

 C1C9F2

 D9DDF2

 F2F2F2

 FFFFF2

# Harmonies

## Analogous

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



0071FF



304FF2



BA00B7

# Triad

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



304FF2



B73600



00805F

# Complementary

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



304FF2



F2D330

# 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.



007C00



304FF2



7C6100

# Square

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



304FF2



DD001D



217400



0081B0

# Rectangle

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



304FF2



DB0084



217400



007F43



# Sweetspot

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



304FF2



C2CCFF



30F2D2



5B6080



000000



808080



# Same Dimension

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



304FF2



0A31FF



7130F2



6C6E78



001DB8



000938



# Inverse Universe

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



F2304F



FF0A31



B1F230



786C6E



B8001D

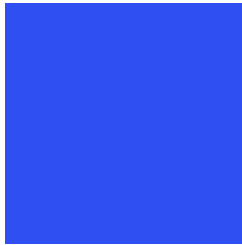


380009



# Previews

## White Background



This preview shows how the Hex color 304FF2 looks on a white background.

## Color Contrast Check

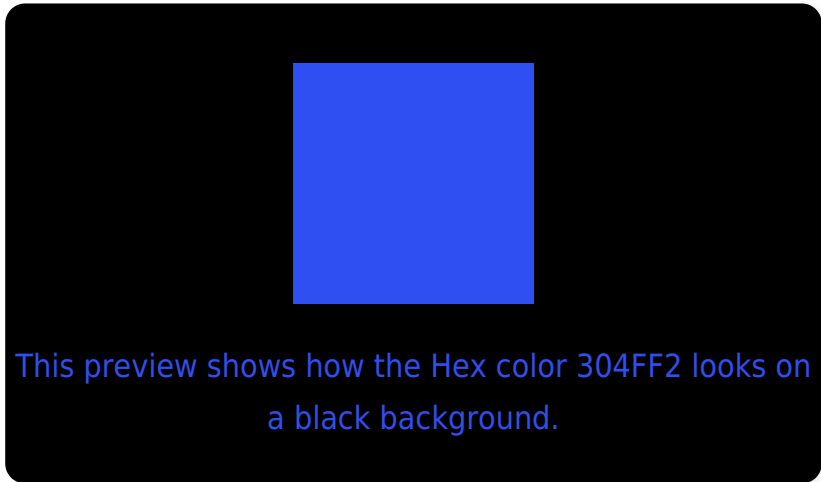
Large Text (above 18pt) WCAG AA ✓ Pass

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 304FF2 Background



This preview shows how black text looks on a background with the Hex color 304FF2.

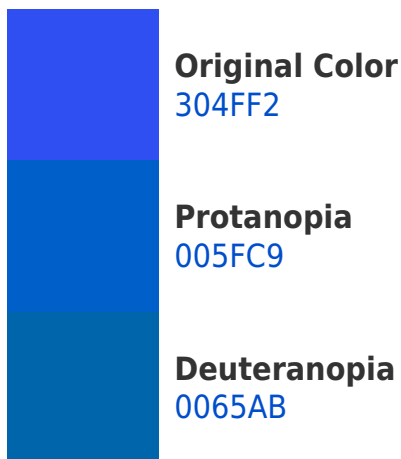


This preview shows how white text looks on a background with the Hex color 304FF2.

# 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](#).

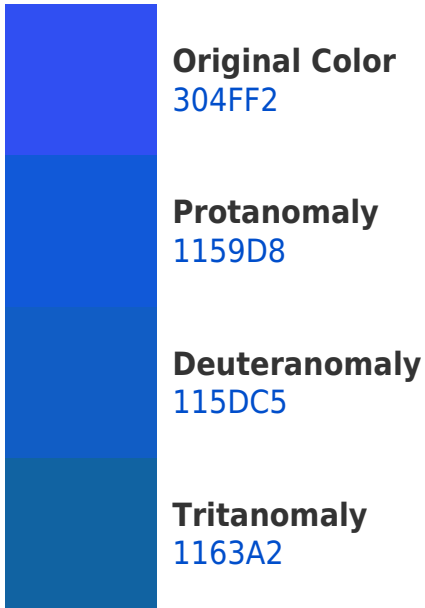
## Dichromacy





**Tritanopia**  
006E74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 304FF2 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 #304FF2 looks like.

```
.text, #text, p{  
    color:#304FF2  
}
```

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 #304FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304FF2
}
```

## Border

The CSS property to change the border of an element to Hex 304FF2 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
#304FF2 }
```

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

```
.border{ border-color:#304FF2 }
```

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

Here you see how a box with a 4 pixel #304FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304FF2; -webkit-box-shadow:4px 4px  
4px 4px #304FF2; box-shadow:4px 4px 4px  
4px #304FF2 }
```

# Background

The CSS property to change the background color of an element to Hex 304FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304FF2 }
```

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

```
.background{ background-color:#304FF2 }
```

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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