

# Converting Colors

Hex(302DF8)

Have a look what the booklet for  
Hex(302DF8) contains.

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**Color**

**Hex(302DF8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	302DF8
RGB	48, 45, 248
RGB Percent	19%, 18%, 97%
CMY	0.8118, 0.8235, 0.0275
CMYK	0.81, 0.82, 0.00, 0.03
HSL	241°, 94%, 57%
HSV	241°, 82%, 97%
XYZ	19.1006, 9.2825, 89.5919
YIQ	69.0390, -63.3750, 63.7690

# Conversions

## Conversions Part 2

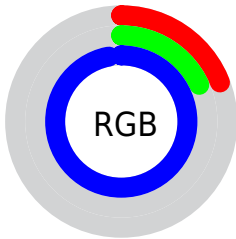
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 45, 248
Decimal	3157496
CIE <sub>Lab</sub>	36.52, 66.48, -96.86
CIE <sub>LCh</sub>	37, 117.476, 304.464
Yxy	9.2825, 0.1619, 0.0787
Android (android.graphics.Color)	4281347576 (0xFF302DF8)
YUV	69.0390, 88.2278, -18.4512
Hunter-Lab	30.4671, 58.5885, -153.0217

# Details

The Hex color **302DF8** 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 **F5F82D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8361FF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **1814F8**, and if you desaturate by 10%, it is **4846F8**.

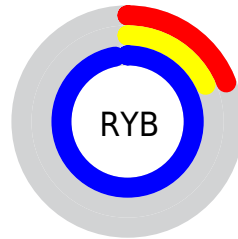
# Distribution



Red (19%)

Green (18%)

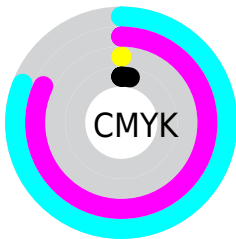
Blue (97%)



Red (19%)

Yellow (18%)

Blue (97%)

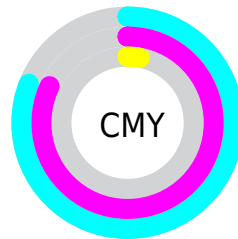


Cyan (81%)

Magenta (82%)

Yellow (0%)

Black (3%)



Cyan (81%)

Magenta (82%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 302DF8 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 302DF8 by changing the saturation by 10% instead.



 302DF8

 302DF8

FFFFFF

 0011DB

 8361FF

 0000BE

 A47BFF

 0000A2

 C596FF

 000086

 E5B2FF

 000D6C

 FFCEFF

 000B52

 FFE8FF

 00063A

 000224

 00000B

■ 302DF8

■ 302DF8

■ 1814F8

■ 4846F8

■ 0400F8

■ 615FF8

■ 7977F8

■ 9290F8

■ AAA9F8

■ C3C2F8

■ DBDBF8

■ F3F3F8

■ FFFFF8

# Harmonies

## Analogous

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



0064FF



302DF8



C700AA

# Triad

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



302DF8



A62400



007363

# Complementary

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



302DF8



F5F82D

# 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



302DF8



5D5800

# Square

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



302DF8



D80000



006A00



0076C2

# Rectangle

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



302DF8



E5006C



006A00



007241



# Sweetspot

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



302DF8



C0BFFF



2DF8F8



5A5980



000000



808080



# Same Dimension

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



302DF8



0905FF



932DF8



71707D



0300BD



01003D



# Inverse Universe

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



F82DF5



FF05FB



93F82D



7D707D



BD00BA

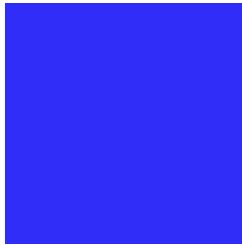


3D003C



# Previews

## White Background



This preview shows how the Hex color 302DF8 looks on a white background.

## Color Contrast Check

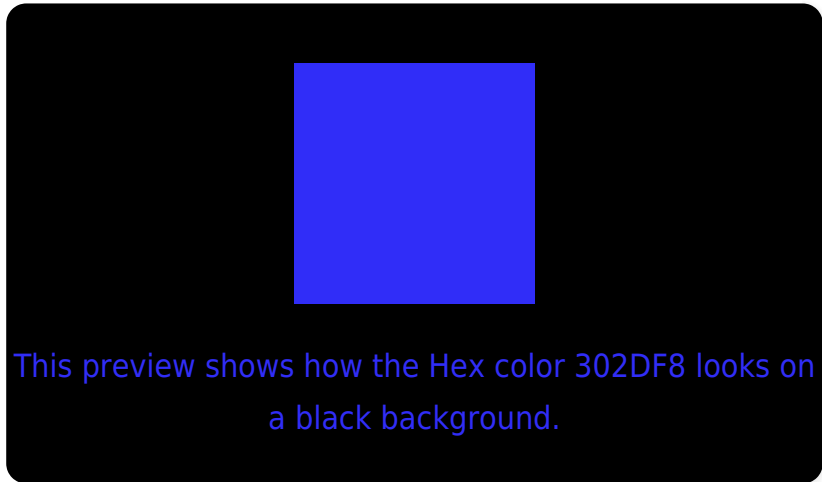
Large Text (above 18pt) WCAG AA ✓ Pass

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

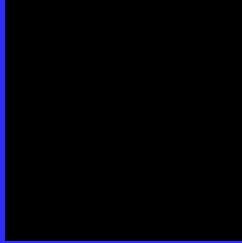
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 302DF8 Background



This preview shows how black text looks on a background with the Hex color 302DF8.



This preview shows how white text looks on a background with the Hex color 302DF8.

# 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**  
302DF8

**Protanopia**  
0052AC

**Deuteranopia**  
005892



**Tritanopia**  
005E63

# Trichromacy



**Original Color**  
302DF8

**Protanomaly**  
1145C8

**Deuteranomaly**  
1148B7

**Tritanomaly**  
114C99

# Monochromacy



**Original Color**  
302DF8

**Achromatopsia**  
454545

**Achromatomaly**  
3D3C86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 302DF8 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 #302DF8 looks like.

```
.text, #text, p{  
    color:#302DF8  
}
```

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 #302DF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302DF8
}
```

## Border

The CSS property to change the border of an element to Hex 302DF8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

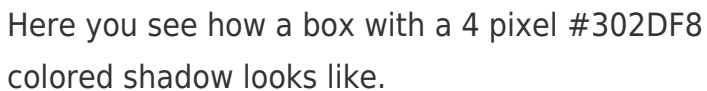
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302DF8 }
```

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

```
.border{ border-color:#302DF8 }
```

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



Here you see how a box with a 4 pixel `#302DF8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302DF8; -webkit-box-shadow:4px 4px  
4px 4px #302DF8; box-shadow:4px 4px 4px  
4px #302DF8 }
```

# Background

The CSS property to change the background color of an element to Hex 302DF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302DF8 }
```

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

```
.background{ background-color:#302DF8 }
```

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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