

Converting Colors

Hex(2F00EB)

Have a look what the booklet for
Hex(2F00EB) contains.

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Color

Hex(2F00EB)

Conversions

Conversions Part 1

Format	Color
Hex	2F00EB
RGB	47, 0, 235
RGB Percent	18%, 0%, 92%
CMY	0.8157, 1.0000, 0.0784
CMYK	0.80, 1.00, 0.00, 0.08
HSL	252°, 100%, 46%
HSV	252°, 100%, 92%
XYZ	16.1677, 6.6025, 79.0195
YIQ	40.8430, -47.4230, 83.0490

Conversions

Conversions Part 2

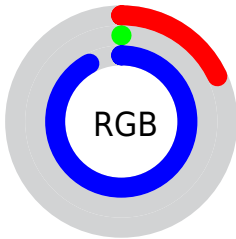
Format	Color
R _Y B	47, 0, 235
Decimal	3080427
CIE Lab	30.88, 74.95, -98.90
CIE LCh	31, 124.088, 307.158
Yxy	6.6025, 0.1588, 0.0649
Android (android.graphics.Color)	4281270507 (0xFF2F00EB)
YUV	40.8430, 95.7194, 5.3997
Hunter-Lab	25.6953, 67.3467, -164.3448

Details

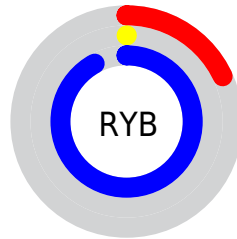
The Hex color **2F00EB** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **BCEB00**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8146FF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **2F00EB**, and if you desaturate by 10%, it is **4217EB**.

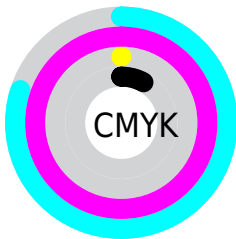
Distribution



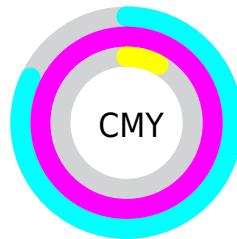
- Red (18%)
- Green (0%)
- Blue (92%)



- Red (18%)
- Yellow (0%)
- Blue (92%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)



- Cyan (82%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F00EB 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 2F00EB by changing the saturation by 10% instead.

■ 2F00EB

■ 2F00EB

FFFFFF

■ 0000CE

■ 8146FF

■ 0000B1

■ A362FF

■ 000096

■ C37DFF

■ 00007A

■ E499FF

■ 000F60

■ FF55FF

■ 000847

■ FFD2FF

■ 000430

■ FFEFFF

■ 00011A

■ 000000

 2F00EB

 4217EB

 552FEB

 6747EB

 7A5EEB

 8D76EB

 A08DEB

 B3A4EB

 C5BCEB

 D8D3EB

Harmonies

Analogous

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



0057FF



2F00EB



C10097

Triad

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



2F00EB



911700



00645F

Complementary

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



2F00EB



BCEB00

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.



006100



2F00EB



454E00

Square

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



2F00EB



C70000



005D00



0068C1

Rectangle

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



2F00EB



DB0057



005D00



00633D

Sweetspot

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



2F00EB



C2B3FF



00BCEB



5B5280



000000



808080

Same Dimension

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



2F00EB



3300FF



A500EB



6C6A75



2400B5



0B0036

Inverse Universe

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



EB00BC



FF00CC



47EB00



756A73



B50091



36002B

Previews

White Background



This preview shows how the Hex color 2F00EB looks on a white background.

Color Contrast Check

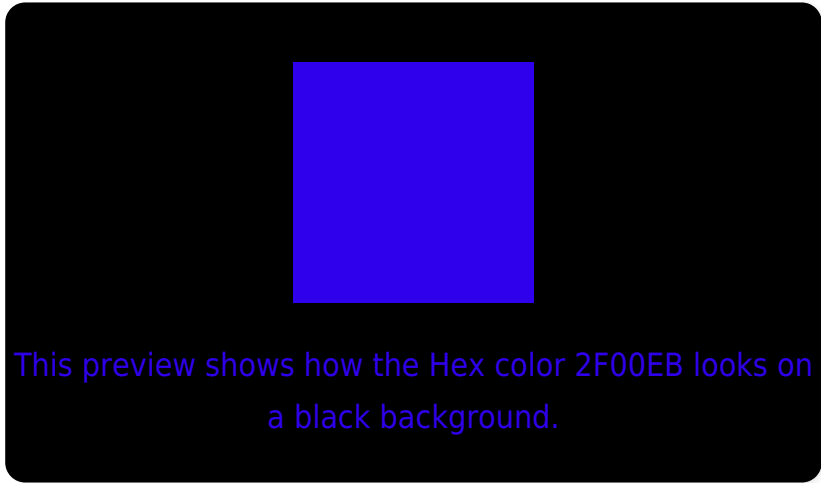
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F00EB Background



This preview shows how black text looks on a background with the Hex color 2F00EB.



This preview shows how white text looks on a background with the Hex color 2F00EB.

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
2F00EB

Protanopia
004796

Deuteranopia
004C7F

Trichromacy



Original Color
2F00EB

Protanomaly
112DB5

Deuteranomaly
1130A6

Tritanomaly
11348C

Monochromacy



Original Color
2F00EB

Achromatopsia
292929

Achromatomaly
2B1A70

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F00EB 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 #2F00EB looks like.

```
.text, #text, p{  
    color:#2F00EB  
}
```

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 #2F00EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F00EB
}
```

Border

The CSS property to change the border of an element to Hex 2F00EB 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".

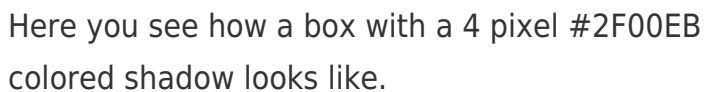
```
.border, #border, table{ border:4px solid
#2F00EB }
```

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

```
.border{ border-color:#2F00EB }
```

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

Here you see how a box with a 4 pixel #2F00EB colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F00EB; -webkit-box-shadow:4px 4px  
4px 4px #2F00EB; box-shadow:4px 4px 4px  
4px #2F00EB }
```

Background

The CSS property to change the background color of an element to Hex 2F00EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F00EB }
```

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

```
.background{ background-color:#2F00EB }
```

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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