

Converting Colors

Hex(2F55FB)

Have a look what the booklet for
Hex(2F55FB) contains.

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Color

Hex(2F55FB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2F55FB |
| RGB | 47, 85, 251 |
| RGB Percent | 18%, 33%, 98% |
| CMY | 0.8157, 0.6667, 0.0157 |
| CMYK | 0.81, 0.66, 0.00, 0.02 |
| HSL | 229°, 96%, 58% |
| HSV | 229°, 81%, 98% |
| XYZ | 21.8334, 14.0664, 92.8311 |
| YIQ | 92.5620, -75.9340, 43.5700 |

Conversions

Conversions Part 2

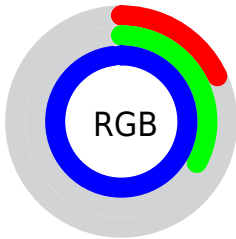
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 47, 79, 251 |
| Decimal | 3102203 |
| CIE _{Lab} | 44.33, 46.18, -85.63 |
| CIE _{LCh} | 44, 97.291, 298.339 |
| Yxy | 14.0664, 0.1696, 0.1093 |
| Android (android.graphics.Color) | 4281292283 (0xFF2F55FB) |
| YUV | 92.5620, 78.1099, -39.9579 |
| Hunter-Lab | 37.5052, 38.2785, -120.4984 |




Details

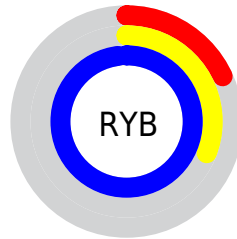
The Hex color **2F55FB** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **FBD52F**, and the grayscale version is **5C5C5C**.




A 20% lighter version of the original color is **8087FF**, and **0028C1** is the 20% darker color. If you saturate the color by 10%, you get **1641FB**, and if you desaturate by 10%, it is **4869FB**.

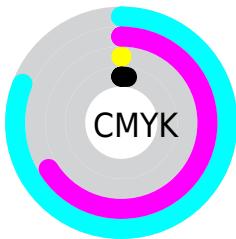
Distribution







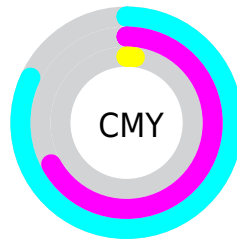
-  Red (18%)
-  Green (33%)
-  Blue (98%)






-  Red (18%)
-  Yellow (31%)
-  Blue (98%)



-  Cyan (81%)
-  Magenta (66%)
-  Yellow (0%)
-  Black (2%)



-  Cyan (82%)
-  Magenta (67%)
-  Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F55FB 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 2F55FB by changing the saturation by 10% instead.

 2F55FB

 2F55FB

FFFFFF

 003EDE

 8087FF

 0028C1

 A1A1FF

 0015A5

 C1BCFF

 00048A

 E1D8FF

 00046F

 FFF4FF

 000C56

 00063D

 000327

 000110

■ 2F55FB

■ 2F55FB

■ 1641FB

■ 4869FB

■ 002FFB

■ 617EFB

■ 7A92FB

■ 93A7FB

■ ADBBFB

■ C6D0FB

■ DFE4FB

■ F8F8FB

FFFFFB

Harmonies

Analogous

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



0077FF



2F55FB



BF00C0

Triad

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



2F55FB



C03A00



008662

Complementary

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



2F55FB



FBD52F

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.



008200



2F55FB



846500

Square

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



2F55FB



E60023



2C7900



0087B5

Rectangle

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



2F55FB



E2008C



2C7900



008545

Sweetspot

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



2F55FB



C2CDFF



2FFBD2



5B6180



000000



808080

Same Dimension

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



2F55FB



0534FF



6C2FFB



70737D



0023BD



000B3D

Inverse Universe

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



FB2F55



FF0534



BEFB2F



7D7073



BD0023



3D000B

Previews

White Background



This preview shows how the Hex color 2F55FB looks on a white background.

Color Contrast Check

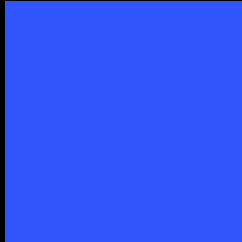
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2F55FB looks on a 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 2F55FB Background



This preview shows how black text looks on a background with the Hex color 2F55FB.

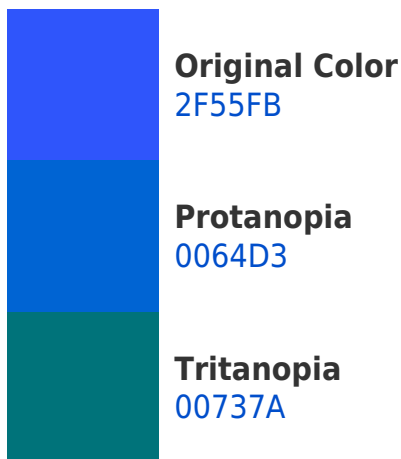


This preview shows how white text looks on a background with the Hex color 2F55FB.

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
2F55FB

Protanomaly
115FE2

Tritanomaly
1168A9

Monochromacy



Original Color
2F55FB

Achromatopsia
5D5D5D

Achromatomaly
4C5A96

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F55FB 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 #2F55FB looks like.

```
.text, #text, p{  
    color:#2F55FB  
}
```

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 #2F55FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F55FB
}
```

Border

The CSS property to change the border of an element to Hex 2F55FB 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
#2F55FB }
```

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

```
.border{ border-color:#2F55FB }
```

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

Here you see how a box with a 4 pixel #2F55FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F55FB; -webkit-box-shadow:4px 4px  
4px 4px #2F55FB; box-shadow:4px 4px 4px  
4px #2F55FB }
```

Background

The CSS property to change the background color of an element to Hex 2F55FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F55FB }
```

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

```
.background{ background-color:#2F55FB }
```

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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