

Converting Colors

Hex(2F49F5)

Have a look what the booklet for
Hex(2F49F5) contains.

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Color

Hex(2F49F5)

Conversions

Conversions Part 1

Format	Color
Hex	2F49F5
RGB	47, 73, 245
RGB Percent	18%, 29%, 96%
CMY	0.8157, 0.7137, 0.0392
CMYK	0.81, 0.70, 0.00, 0.04
HSL	232°, 91%, 57%
HSV	232°, 81%, 96%
XYZ	20.0363, 11.9620, 87.6391
YIQ	84.8340, -70.7080, 47.9800

Conversions

Conversions Part 2

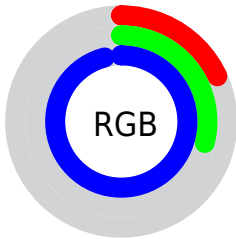
Format	Color
R _Y B	47, 70, 245
Decimal	3099125
CIE Lab	41.16, 51.21, -87.50
CIE LCh	41, 101.384, 300.342
Yxy	11.9620, 0.1675, 0.1000
Android (android.graphics.Color)	4281289205 (0xFF2F49F5)
YUV	84.8340, 78.9618, -33.1804
Hunter-Lab	34.5861, 42.8820, -126.0269

Details

The Hex color **2F49F5** 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 **F5DB2F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7F7AFF**, and **001CBB** is the 20% darker color. If you saturate the color by 10%, you get **1634F5**, and if you desaturate by 10%, it is **485EF5**.

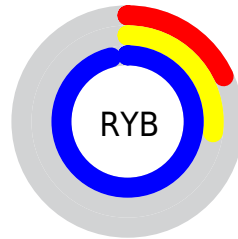
Distribution



 Red (18%)

 Green (29%)

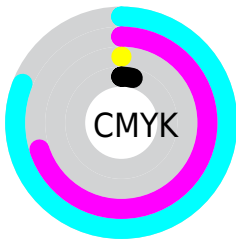
 Blue (96%)



 Red (18%)

 Yellow (27%)

 Blue (96%)

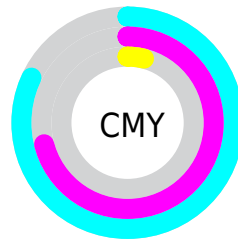


 Cyan (81%)

 Magenta (70%)

 Yellow (0%)

 Black (4%)



 Cyan (82%)

 Magenta (71%)

 Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F49F5 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 2F49F5 by changing the saturation by 10% instead.

 2F49F5

 2F49F5

FFFFFF

 0032D8

 7F7AFF

 001CBB

 A095FF

 00099F

 C0AFFF

 000084

 E0CBFF

 00086A

 FFE7FF

 000A50

 000538

 000222

 000008

■ 2F49F5

■ 2F49F5

■ 1634F5

■ 485EF5

■ 0020F5

■ 6074F5

■ 7989F5

■ 919EF5

■ AAB3F5

■ C2C9F5

■ DBDEF5

■ F3F3F5

■ FFFFF5

Harmonies

Analogous

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



006FFF



2F49F5



BE00B5

Triad

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



2F49F5



B43200



007E60

Complementary

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



2F49F5



F5DB2F

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.



007A00



2F49F5



765F00

Square

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



2F49F5



DD0013



007200



007FB5

Rectangle

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



2F49F5



DF0080



007200



007D42

Sweetspot

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



2F49F5



C2CAFF



2FF5DB



5B5F80



000000



808080

Same Dimension

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



2F49F5



0828FF



782FF5



6E707A



0018BA



00083B

Inverse Universe

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



F52F49



FF0828



ACF52F



7A6E70



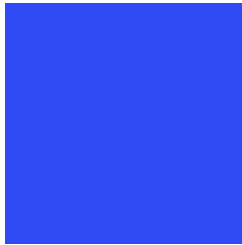
BA0018



3B0008

Previews

White Background



This preview shows how the Hex color 2F49F5 looks on a white background.

Color Contrast Check

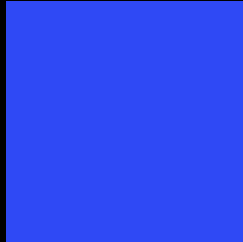
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F49F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

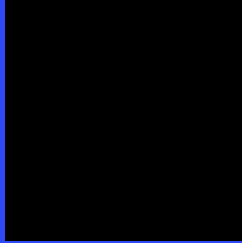
Any Text WCAG AA × Fail

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 2F49F5 Background



This preview shows how black text looks on a background with the Hex color 2F49F5.



This preview shows how white text looks on a background with the Hex color 2F49F5.

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
2F49F5

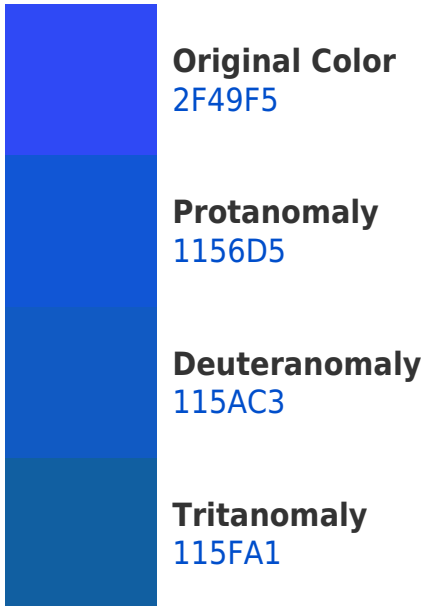
Protanopia
005DC3

Deuteranopia
0063A7



Tritanopia
006B71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F49F5 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 #2F49F5 looks like.

```
.text, #text, p{  
    color:#2F49F5  
}
```

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 #2F49F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F49F5
}
```

Border

The CSS property to change the border of an element to Hex 2F49F5 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
#2F49F5 }
```

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

```
.border{ border-color:#2F49F5 }
```

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

Here you see how a box with a 4 pixel #2F49F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F49F5; -webkit-box-shadow:4px 4px  
4px 4px #2F49F5; box-shadow:4px 4px 4px  
4px #2F49F5 }
```

Background

The CSS property to change the background color of an element to Hex 2F49F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F49F5 }
```

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

```
.background{ background-color:#2F49F5 }
```

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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