

Converting Colors

Hex(2F53F5)

Have a look what the booklet for
Hex(2F53F5) contains.

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Color

Hex(2F53F5)

Conversions

Conversions Part 1

Format	Color
Hex	2F53F5
RGB	47, 83, 245
RGB Percent	18%, 33%, 96%
CMY	0.8157, 0.6745, 0.0392
CMYK	0.81, 0.66, 0.00, 0.04
HSL	229°, 91%, 57%
HSV	229°, 81%, 96%
XYZ	20.7470, 13.3834, 87.8760
YIQ	90.7040, -73.4580, 42.7500

Conversions

Conversions Part 2

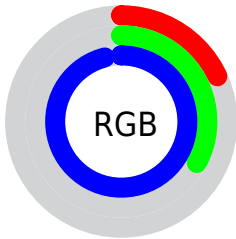
Format	Color
R _Y B	47, 77, 245
Decimal	3101685
CIE Lab	43.34, 45.30, -83.91
CIE LCh	43, 95.352, 298.362
Yxy	13.3834, 0.1700, 0.1097
Android (android.graphics.Color)	4281291765 (0xFF2F53F5)
YUV	90.7040, 76.0679, -38.3284
Hunter-Lab	36.5834, 37.2092, -116.8107

Details

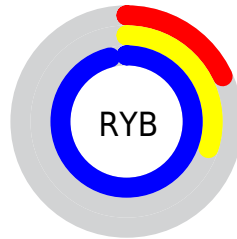
The Hex color **2F53F5** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **F5D12F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7E85FF**, and **0026BB** is the 20% darker color. If you saturate the color by 10%, you get **163FF5**, and if you desaturate by 10%, it is **4867F5**.

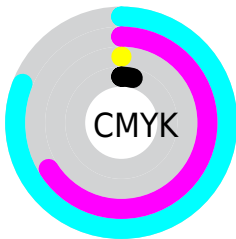
Distribution



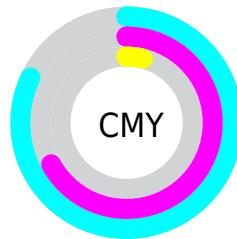
- Red (18%)
- Green (33%)
- Blue (96%)



- Red (18%)
- Yellow (30%)
- Blue (96%)



- Cyan (81%)
- Magenta (66%)
- Yellow (0%)
- Black (4%)



- Cyan (82%)
- Magenta (67%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F53F5 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 2F53F5 by changing the saturation by 10% instead.

 2F53F5

 2F53F5

FFFFFF

 003CD8

 7E85FF

 0026BB

 9F9FFF

 00149F

 BFBAFF

 000184

 DFD6FF

 00066A

 FFF2FF

 000B51

 000539

 000222

 000008

■ 2F53F5

■ 2F53F5

■ 163FF5

■ 4867F5

■ 002DF5

■ 607BF5

■ 798FF5

■ 91A3F5

■ AAB7F5

■ C2CBF5

■ DBDFF5

■ F3F3F5

■ FFFFF5

Harmonies

Analogous

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



0074FF



2F53F5



BB00BB

Triad

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



2F53F5



BB3900



008360

Complementary

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



2F53F5



F5D12F

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.



007F00



2F53F5



816300

Square

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



2F53F5



E00022



2B7600



0084B1

Rectangle

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



2F53F5



DD0089



2B7600



008244

Sweetspot

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



2F53F5



C2CDFF



2FF5D1



5B6180



000000



808080

Same Dimension

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



2F53F5



0835FF



6E2FF5



6E707A



0022BA



000B3B

Inverse Universe

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



F52F53



FF0835



B6F52F



7A6E70



BA0022



3B000B

Previews

White Background



This preview shows how the Hex color 2F53F5 looks on a white background.

Color Contrast Check

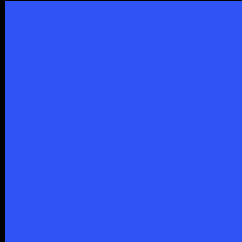
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F53F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

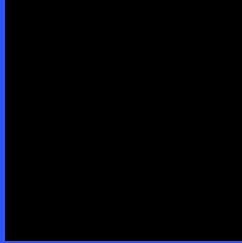
Any Text WCAG AA × Fail

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 2F53F5 Background



This preview shows how black text looks on a background with the Hex color 2F53F5.



This preview shows how white text looks on a background with the Hex color 2F53F5.

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](#).

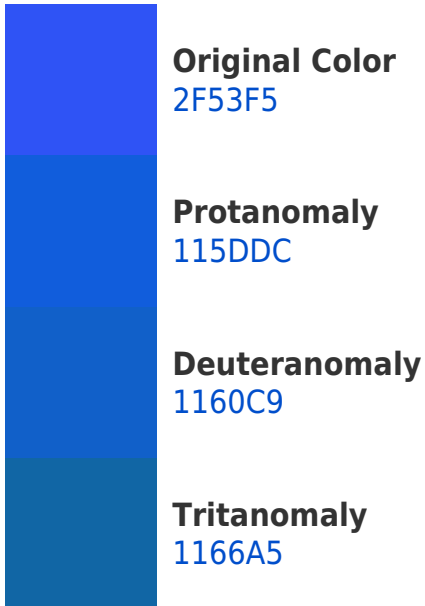
Dichromacy





Tritanopia
007177

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F53F5 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 #2F53F5 looks like.

```
.text, #text, p{  
    color:#2F53F5  
}
```

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 #2F53F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F53F5
}
```

Border

The CSS property to change the border of an element to Hex 2F53F5 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".

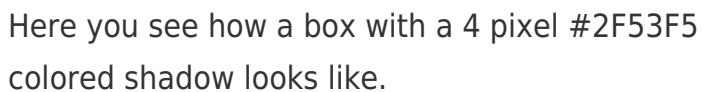
```
.border, #border, table{ border:4px solid
#2F53F5 }
```

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

```
.border{ border-color:#2F53F5 }
```

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

Here you see how a box with a 4 pixel #2F53F5 colored shadow looks like.

A rectangular box with a 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 #2F53F5; -webkit-box-shadow:4px 4px  
4px 4px #2F53F5; box-shadow:4px 4px 4px  
4px #2F53F5 }
```

Background

The CSS property to change the background color of an element to Hex 2F53F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F53F5 }
```

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

```
.background{ background-color:#2F53F5 }
```

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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