

# Converting Colors

Hex(2F54DA)

Have a look what the booklet for  
Hex(2F54DA) contains.

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# Color

**Hex(2F54DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F54DA
RGB	47, 84, 218
RGB Percent	18%, 33%, 85%
CMY	0.8157, 0.6706, 0.1451
CMYK	0.78, 0.61, 0.00, 0.15
HSL	227°, 70%, 52%
HSV	227°, 78%, 85%
XYZ	16.9975, 12.0069, 67.7514
YIQ	88.2130, -65.0660, 33.8300

# Conversions

## Conversions Part 2

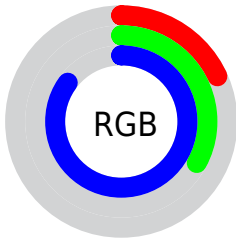
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 77, 218
Decimal	3101914
CIE Lab	41.23, 35.03, -72.08
CIE LCh	41, 80.140, 295.920
Yxy	12.0069, 0.1757, 0.1241
Android (android.graphics.Color)	4281291994 (0xFF2F54DA)
YUV	88.2130, 63.9850, -36.1438
Hunter-Lab	34.6510, 26.9210, -91.6709

# Details

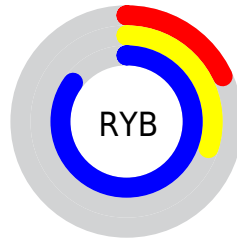
The Hex color **2F54DA** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **DAB52F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7885FF**, and **0028A2** is the 20% darker color. If you saturate the color by 10%, you get **1943DA**, and if you desaturate by 10%, it is **4565DA**.

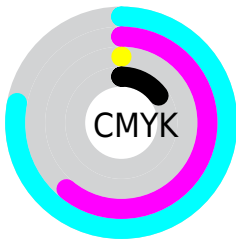
# Distribution



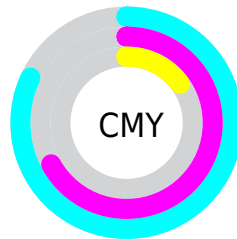
- Red (18%)
- Green (33%)
- Blue (85%)



- Red (18%)
- Yellow (30%)
- Blue (85%)



- Cyan (78%)
- Magenta (61%)
- Yellow (0%)
- Black (15%)



- Cyan (82%)
- Magenta (67%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F54DA 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 2F54DA by changing the saturation by 10% instead.



■ 2F54DA

■ 2F54DA

FFFFFF

■ 003DBE

■ 7885FF

■ 0028A2

■ 979FFF

■ 001587

■ B6BAFF

■ 00006D

■ D5D6FF

■ 000B53

■ F4F2FF

■ 00063B

■ 000224

■ 00000D

■ 000000

■ 2F54DA

■ 2F54DA

■ 1943DA

■ 4565DA

■ 0332DA

■ 5B76DA

■ 002FDA

■ 7087DA

■ 8698DA

■ 9CA9DA

■ B2BADA

■ C8CCDA

■ DDDDDA

■ F3EEDA

# Harmonies

## Analogous

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



006DE7



2F54DA



A422AC

# Triad

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



2F54DA



AE3A00



007A56

# Complementary

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



2F54DA



DAB52F

# 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.



007701



2F54DA



7F5C00

# Square

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



2F54DA



CB002D



3F6E00



007B9A

# Rectangle

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



2F54DA



C30083



3F6E00



00793F



# Sweetspot

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



2F54DA



C2CFFF



2FDAB5



5B6380



000000



808080



# Same Dimension

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



2F54DA



0F43FF



5F2FDA



63656E



0026AD



000A2E



# Inverse Universe

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



DA2F54



FF0F43



AADA2F



6E6365



AD0026



2E000A



# Previews

## White Background



This preview shows how the Hex color 2F54DA looks on a white background.

## Color Contrast Check

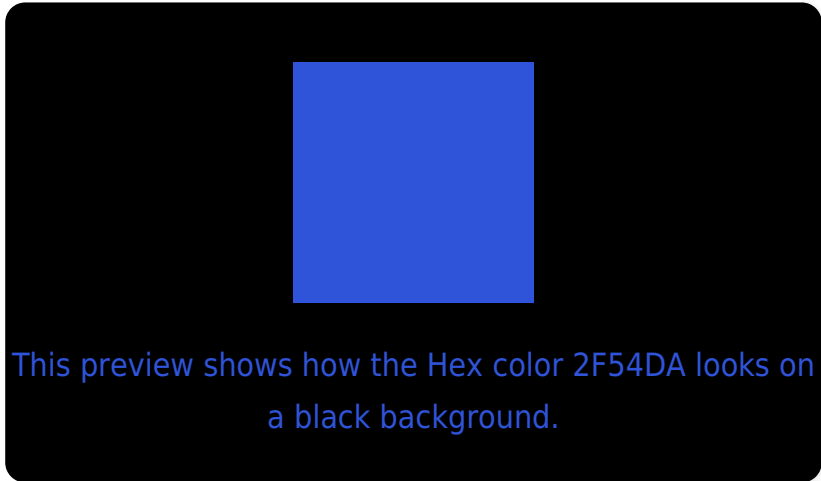
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

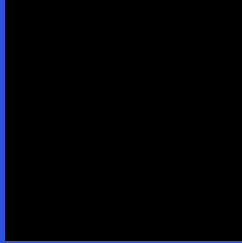
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2F54DA Background



This preview shows how black text looks on a background with the Hex color 2F54DA.



This preview shows how white text looks on a background with the Hex color 2F54DA.

# 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**  
2F54DA

**Protanopia**  
005DC5

**Deuteranopia**  
0063A9



**Tritanopia**  
006B72

# Trichromacy



**Original Color**  
2F54DA

**Protanomaly**  
115ACD

**Deuteranomaly**  
115EBB

**Tritanomaly**  
116398

# Monochromacy



**Original Color**  
2F54DA

**Achromatopsia**  
585858

**Achromatomaly**  
495787

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F54DA 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 #2F54DA looks like.

```
.text, #text, p{  
    color:#2F54DA  
}
```

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 #2F54DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F54DA
}
```

## Border

The CSS property to change the border of an element to Hex 2F54DA 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
#2F54DA }
```

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

```
.border{ border-color:#2F54DA }
```

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

Here you see how a box with a 4 pixel #2F54DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F54DA; -webkit-box-shadow:4px 4px  
4px 4px #2F54DA; box-shadow:4px 4px 4px  
4px #2F54DA }
```

# Background

The CSS property to change the background color of an element to Hex 2F54DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F54DA }
```

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

```
.background{ background-color:#2F54DA }
```

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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