

# Converting Colors

Hex(2F25BF)

Have a look what the booklet for  
Hex(2F25BF) contains.

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# Color

Hex(2F25BF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F25BF
RGB	47, 37, 191
RGB Percent	18%, 15%, 75%
CMY	0.8157, 0.8549, 0.2510
CMYK	0.75, 0.81, 0.00, 0.25
HSL	244°, 68%, 45%
HSV	244°, 81%, 75%
XYZ	11.2378, 5.6891, 49.7960
YIQ	57.5460, -43.4740, 50.0140

# Conversions

## Conversions Part 2

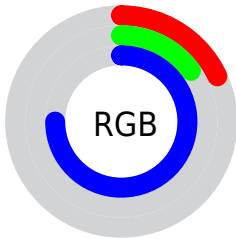
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 37, 191
Decimal	3089855
CIE Lab	28.61, 53.10, -77.17
CIE LCh	29, 93.676, 304.534
Yxy	5.6891, 0.1684, 0.0853
Android (android.graphics.Color)	4281279935 (0xFF2F25BF)
YUV	57.5460, 65.7928, -9.2488
Hunter-Lab	23.8518, 42.3603, -107.0853




# Details

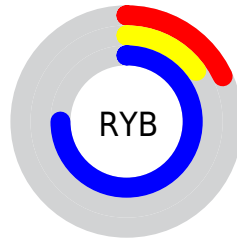
The Hex color **2F25BF** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B5BF25**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **7556F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **1D12BF**, and if you desaturate by 10%, it is **4138BF**.

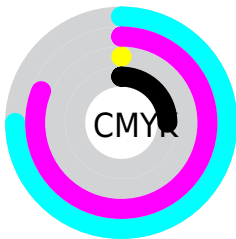
# Distribution







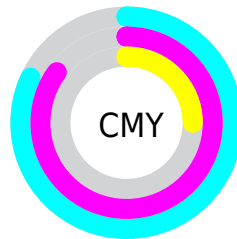
-  Red (18%)
-  Green (15%)
-  Blue (75%)






-  Red (18%)
-  Yellow (15%)
-  Blue (75%)



-  Cyan (75%)
-  Magenta (81%)
-  Yellow (0%)
-  Black (25%)



-  Cyan (82%)
-  Magenta (85%)
-  Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F25BF 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 2F25BF by changing the saturation by 10% instead.



■ 2F25BF

■ 2F25BF

FFFFFF

■ 000BA3

■ 7556F9

■ 000088

■ 9470FF

■ 00006E

■ B28AFF

■ 000854

■ D1A5FF

■ 00063C

■ F0C0FF

■ 000225

■ FFDDFF

■ 00010E

■ FFF9FF

■ 000000

■ 2F25BF

■ 2F25BF

■ 1D12BF

■ 4138BF

■ 0C00BF

■ 534BBF

■ 655EBF

■ 7671BF

■ 8884BF

■ 9A98BF

■ ACABBF

■ BEBEBF

■ D0D1BF

# Harmonies

## Analogous

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



004EDA



2F25BF



9B0084

# Triad

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



2F25BF



821F00



005A4D

# Complementary

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



2F25BF



B5BF25

# 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.



005800



2F25BF



4A4500

# Square

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



2F25BF



A90000



005300



005C96

# Rectangle

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



2F25BF



B20054



005300



005A34



# Sweetspot

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



2F25BF



C0BCF7



25B7BF



5B597D



FCFCFC



7D7D7D



# Same Dimension

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



2F25BF



1707F7



7A25BF



56555E



0A009E



02001F



# Inverse Universe

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



BF25B5



F707E8



6ABF25



5E555E



9E0094

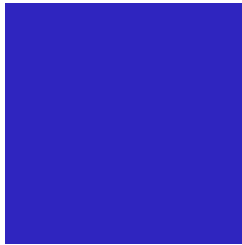


1F001D



# Previews

## White Background



This preview shows how the Hex color 2F25BF looks on a white background.

## Color Contrast Check

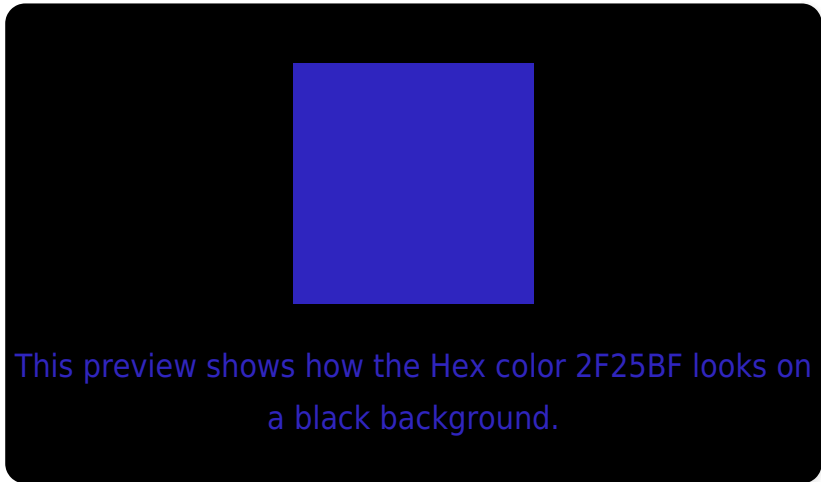
Large Text (above 18pt) WCAG AA ✓ Pass

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

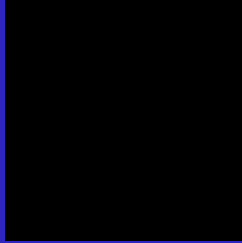
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2F25BF Background



This preview shows how black text looks on a background with the Hex color 2F25BF.



This preview shows how white text looks on a background with the Hex color 2F25BF.

# 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**  
2F25BF

**Protanopia**  
004189

**Deuteranopia**  
004674



**Tritanopia**  
004B4F

# Trichromacy



**Original Color**  
2F25BF

**Protanomaly**  
11379D

**Deuteranomaly**  
113A8F

**Tritanomaly**  
113D78

# Monochromacy



**Original Color**  
2F25BF

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
36326A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F25BF 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 #2F25BF looks like.

```
.text, #text, p{  
    color:#2F25BF  
}
```

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 #2F25BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F25BF
}
```

## Border

The CSS property to change the border of an element to Hex 2F25BF 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
#2F25BF }
```

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

```
.border{ border-color:#2F25BF }
```

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

Here you see how a box with a 4 pixel #2F25BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F25BF; -webkit-box-shadow:4px 4px  
4px 4px #2F25BF; box-shadow:4px 4px 4px  
4px #2F25BF }
```

# Background

The CSS property to change the background color of an element to Hex 2F25BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F25BF }
```

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

```
.background{ background-color:#2F25BF }
```

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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