

Converting Colors

Hex(2F3CDB)

Have a look what the booklet for
Hex(2F3CDB) contains.

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Color

Hex(2F3CDB)

Conversions

Conversions Part 1

Format	Color
Hex	2F3CDB
RGB	47, 60, 219
RGB Percent	18%, 24%, 86%
CMY	0.8157, 0.7647, 0.1412
CMYK	0.79, 0.73, 0.00, 0.14
HSL	235°, 70%, 52%
HSV	235°, 79%, 86%
XYZ	15.5743, 8.9505, 67.9246
YIQ	74.2390, -58.7870, 46.6930

Conversions

Conversions Part 2

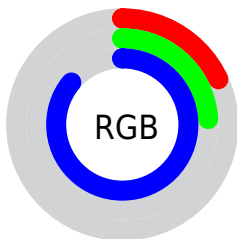
Format	Color
R_{YB}	47, 59, 219
Decimal	3095771
CIE _{Lab}	35.89, 49.95, -81.43
CIE _{LCh}	36, 95.526, 301.525
Yxy	8.9505, 0.1685, 0.0968
Android (android.graphics.Color)	4281285851 (0xFF2F3CDB)
YUV	74.2390, 71.3672, -23.8886
Hunter-Lab	29.9174, 40.5675, -113.6699




Details

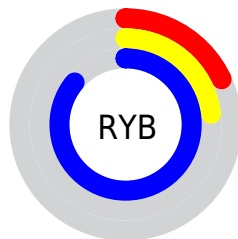
The Hex color **2F3CDB** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **DBCE2F**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **7A6DFF**, and **000FA2** is the 20% darker color. If you saturate the color by 10%, you get **1928DB**, and if you desaturate by 10%, it is **4550DB**.

Distribution







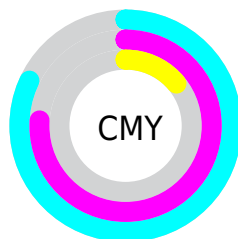
-  Red (18%)
-  Green (24%)
-  Blue (86%)






-  Red (18%)
-  Yellow (23%)
-  Blue (86%)



-  Cyan (79%)
-  Magenta (73%)
-  Yellow (0%)
-  Black (14%)



-  Cyan (82%)
-  Magenta (76%)
-  Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3CDB 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 2F3CDB by changing the saturation by 10% instead.

 2F3CDB

 2F3CDB

FFFFFF

 0025BE

 7A6DFF

 000FA2

 9A86FF

 000087

 B9A1FF

 00006D

 D8BCFF

 000B53

 F7D8FF

 00063B

 FFF5FF

 000225

 00010D

 000000

■ 2F3CDB

■ 2F3CDB

■ 1928DB

■ 4550DB

■ 0314DB

■ 5B64DB

■ 0011DB

■ 7179DB

■ 878DDB

■ 9DA1DB

■ B2B5DB

■ C8CADB

■ DEDEDB

■ F4F2DB

Harmonies

Analogous

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



0061F3



2F3CDB



AC009F

Triad

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



2F3CDB



9E2B00



006E57

Complementary

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



2F3CDB



DBCE2F

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.



006B00



2F3CDB



655400

Square

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



2F3CDB



C50009



006500



0070A4

Rectangle

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



2F3CDB



C8006E



006500



006E3B

Sweetspot

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



2F3CDB



C2C6FF



2FD8CD



5B5D80



000000



808080

Same Dimension

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



2F3CDB



0F21FF



772FDB



63646E



000DAD



00032E

Inverse Universe

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



DB2F3C



FF0F21



93DB2F



6E6364



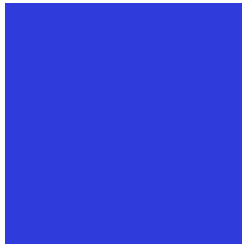
AD000D



2E0003

Previews

White Background



This preview shows how the Hex color 2F3CDB looks on a white background.

Color Contrast Check

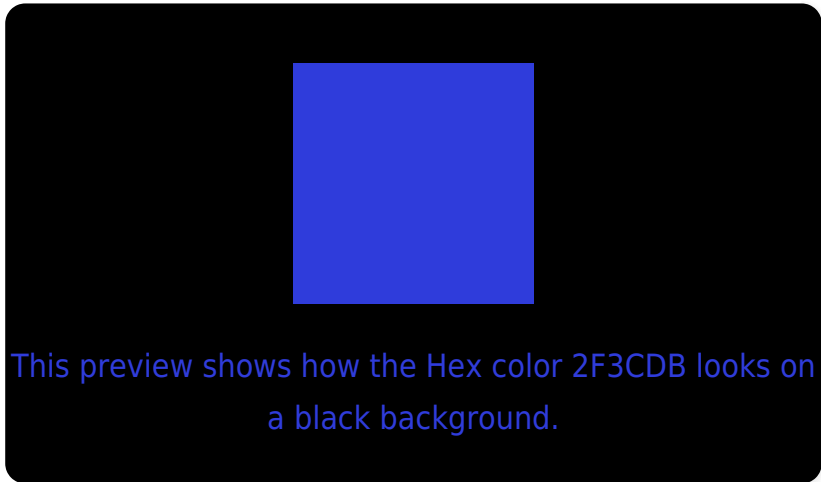
Large Text (above 18pt) WCAG AA ✓ Pass

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

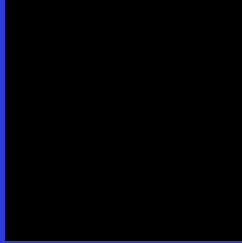
Any Text WCAG AA × Fail

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 2F3CDB Background



This preview shows how black text looks on a background with the Hex color 2F3CDB.



This preview shows how white text looks on a background with the Hex color 2F3CDB.

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
2F3CDB

Protanopia
0051AA

Deuteranopia
005691



Tritanopia
005D62

Trichromacy



Original Color
2F3CDB



Protanomaly
1149BC



Deuteranomaly
114DAC



Tritanomaly
11518E

Monochromacy



Original Color
2F3CDB



Achromatopsia
4A4A4A



Achromatomaly
40457F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3CDB 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 #2F3CDB looks like.

```
.text, #text, p{  
    color:#2F3CDB  
}
```

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 #2F3CDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3CDB
}
```

Border

The CSS property to change the border of an element to Hex 2F3CDB 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
#2F3CDB }
```

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

```
.border{ border-color:#2F3CDB }
```

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

Here you see how a box with a 4 pixel #2F3CDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3CDB; -webkit-box-shadow:4px 4px  
4px 4px #2F3CDB; box-shadow:4px 4px 4px  
4px #2F3CDB }
```

Background

The CSS property to change the background color of an element to Hex 2F3CDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3CDB }
```

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

```
.background{ background-color:#2F3CDB }
```

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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