

Converting Colors

Hex(2F41D0)

Have a look what the booklet for
Hex(2F41D0) contains.

Hex(2F41D0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(2F41D0)

Conversions

Conversions Part 1

Format	Color
Hex	2F41D0
RGB	47, 65, 208
RGB Percent	18%, 25%, 82%
CMY	0.8157, 0.7451, 0.1843
CMYK	0.77, 0.69, 0.00, 0.18
HSL	233°, 63%, 50%
HSV	233°, 77%, 82%
XYZ	14.4478, 8.9390, 60.6384
YIQ	75.9200, -56.6310, 40.6570

Conversions

Conversions Part 2

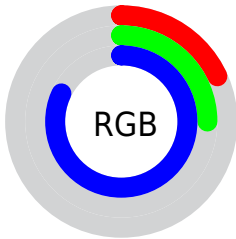
Format	Color
R_{YB}	47, 63, 208
Decimal	3097040
CIE _{Lab}	35.87, 43.28, -75.12
CIE _{LCh}	36, 86.699, 299.948
Yxy	8.9390, 0.1719, 0.1064
Android (android.graphics.Color)	4281287120 (0xFF2F41D0)
YUV	75.9200, 65.1154, -25.3628
Hunter-Lab	29.8982, 33.9352, -99.3213

Details

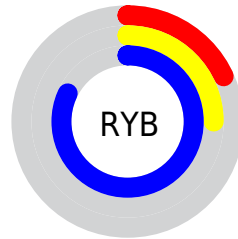
The Hex color **2F41D0** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **D0BE2F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7771FF**, and **001698** is the 20% darker color. If you saturate the color by 10%, you get **1A2FD0**, and if you desaturate by 10%, it is **4453D0**.

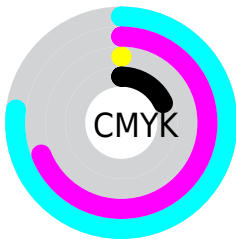
Distribution



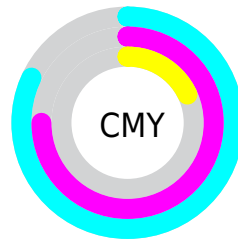
- Red (18%)
- Green (25%)
- Blue (82%)



- Red (18%)
- Yellow (25%)
- Blue (82%)



- Cyan (77%)
- Magenta (69%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (75%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F41D0 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 2F41D0 by changing the saturation by 10% instead.

■ 2F41D0

■ 2F41D0

FFFFFF

■ 002BB4

■ 7771FF

■ 001698

■ 968BFF

■ 00047D

■ B5A6FF

■ 000063

■ D3C1FF

■ 00094A

■ F2DDFF

■ 000433

■ FFFAFF

■ 00021D

■ 000000

■ 2F41D0

■ 2F41D0

■ 1A2FD0

■ 4453D0

■ 051CD0

■ 5966D0

■ 0017D0

■ 6D78D0

■ 828BD0

■ 979DD0

■ ACB0D0

■ C1C2D0

■ D5D5D0

■ EAE7D0

Harmonies

Analogous

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



0060E4



2F41D0



A2009C

Triad

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



2F41D0



9C2E00



006D53

Complementary

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



2F41D0



D0BE2F

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.



006A00



2F41D0



685200

Square

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



2F41D0



BE0014



146300



006E99

Rectangle

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



2F41D0



BD006F



146300



006C3A

Sweetspot

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



2F41D0



C4CBFF



2FD0BD



5C6080



000000



808080

Same Dimension

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



2F41D0



122CFF



6D2FD0



5E5F69



0013A8



000529

Inverse Universe

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



D02F41



FF122C



92D02F



695E5F



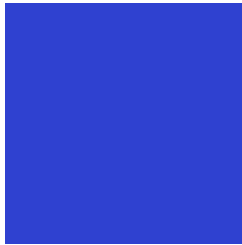
A80013



290005

Previews

White Background



This preview shows how the Hex color 2F41D0 looks on a white background.

Color Contrast Check

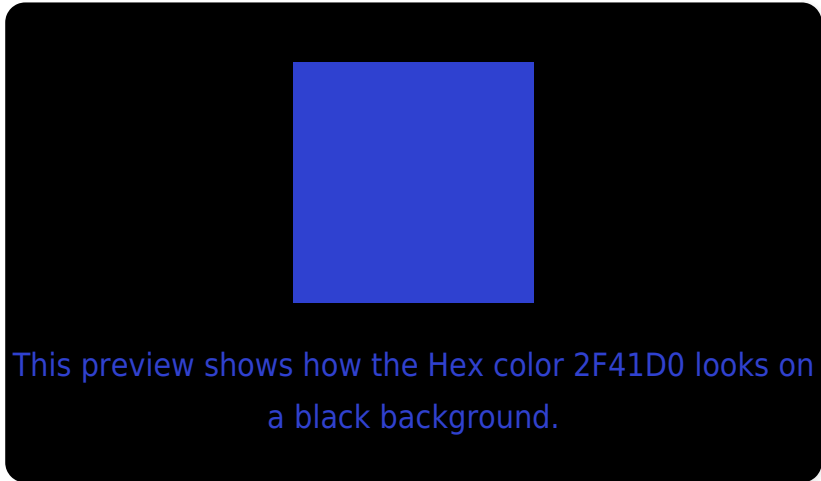
Large Text (above 18pt) WCAG AA ✓ Pass

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

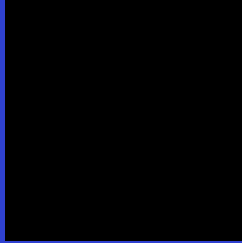
Any Text WCAG AA × Fail

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 2F41D0 Background



This preview shows how black text looks on a background with the Hex color 2F41D0.

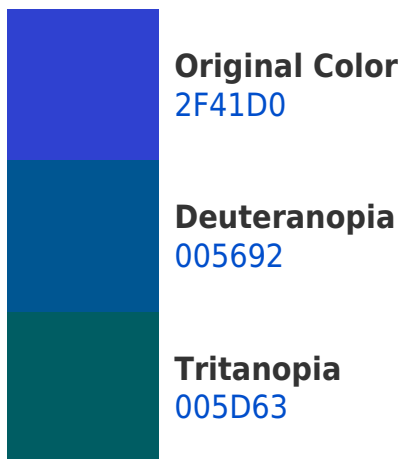


This preview shows how white text looks on a background with the Hex color 2F41D0.

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



Trichromacy



Original Color
2F41D0

Deuteranomaly
114EA9

Tritanomaly
11538B

Monochromacy



Original Color
2F41D0

Achromatopsia
4C4C4C

Achromatomaly
41487C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F41D0 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 #2F41D0 looks like.

```
.text, #text, p{  
    color:#2F41D0  
}
```

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 #2F41D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F41D0
}
```

Border

The CSS property to change the border of an element to Hex 2F41D0 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
#2F41D0 }
```

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

```
.border{ border-color:#2F41D0 }
```

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

Here you see how a box with a 4 pixel #2F41D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F41D0; -webkit-box-shadow:4px 4px  
4px 4px #2F41D0; box-shadow:4px 4px 4px  
4px #2F41D0 }
```

Background

The CSS property to change the background color of an element to Hex 2F41D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F41D0 }
```

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

```
.background{ background-color:#2F41D0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor