

Converting Colors

Hex(2D40F2)

Have a look what the booklet for
Hex(2D40F2) contains.

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Color

Hex(2D40F2)

Conversions

Conversions Part 1

Format	Color
Hex	2D40F2
RGB	45, 64, 242
RGB Percent	18%, 25%, 95%
CMY	0.8235, 0.7490, 0.0510
CMYK	0.81, 0.74, 0.00, 0.05
HSL	234°, 88%, 56%
HSV	234°, 81%, 95%
XYZ	18.9426, 10.6355, 85.0589
YIQ	78.6110, -68.4620, 51.3300

Conversions

Conversions Part 2

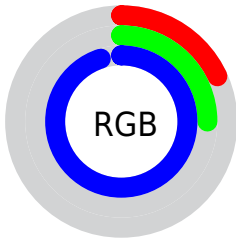
Format	Color
R _Y B	45, 62, 242
Decimal	2965746
CIE Lab	38.96, 55.16, -89.44
CIE LCh	39, 105.083, 301.665
Yxy	10.6355, 0.1652, 0.0928
Android (android.graphics.Color)	4281155826 (0xFF2D40F2)
YUV	78.6110, 80.5508, -29.4768
Hunter-Lab	32.6121, 46.6098, -131.8117

Details

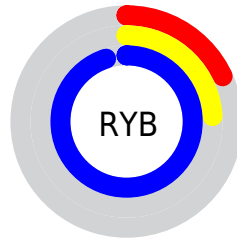
The Hex color **2D40F2** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F2DF2D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7E71FF**, and **0012B8** is the 20% darker color. If you saturate the color by 10%, you get **152AF2**, and if you desaturate by 10%, it is **4556F2**.

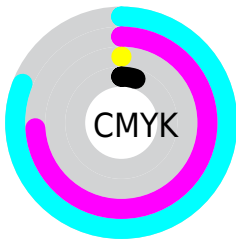
Distribution



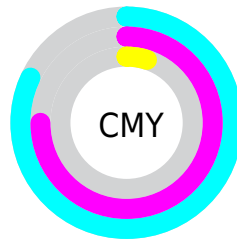
- Red (18%)
- Green (25%)
- Blue (95%)



- Red (18%)
- Yellow (24%)
- Blue (95%)



- Cyan (81%)
- Magenta (74%)
- Yellow (0%)
- Black (5%)



- Cyan (82%)
- Magenta (75%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D40F2 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 2D40F2 by changing the saturation by 10% instead.

 2D40F2

 2D40F2

FFFFFF

 0029D5

 7E71FF

 0012B8

 9F8BFF

 00009C

 C0A6FF

 000081

 E0C2FF

 000C67

 FFDEFF

 000A4E

 FFFBFF

 000536

 000220

 000004

■ 2D40F2

■ 2D40F2

■ 152AF2

■ 4556F2

■ 0017F2

■ 5D6CF2

■ 7682F2

■ 8E97F2

■ A6ADF2

■ BEC3F2

■ D6D9F2

■ EFEFF2

■ FFFFF2

Harmonies

Analogous

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



006AFF



2D40F2



BD00AF

Triad

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



2D40F2



AD2D00



00785F

Complementary

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



2D40F2



F2DF2D

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.



007500



2D40F2



6D5B00

Square

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



2D40F2



D80006



006E00



007AB5

Rectangle

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



2D40F2



DD0078



006E00



007740

Sweetspot

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



2D40F2



C2C8FF



2DF2DE



5B5E80



000000



808080

Same Dimension

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



2D40F2



051DFF



7C2DF2



6C6D78



0012B8



000538

Inverse Universe

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



F22D40



FF051D



A3F22D



786C6D



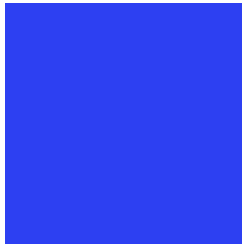
B80012



380005

Previews

White Background



This preview shows how the Hex color 2D40F2 looks on a white background.

Color Contrast Check

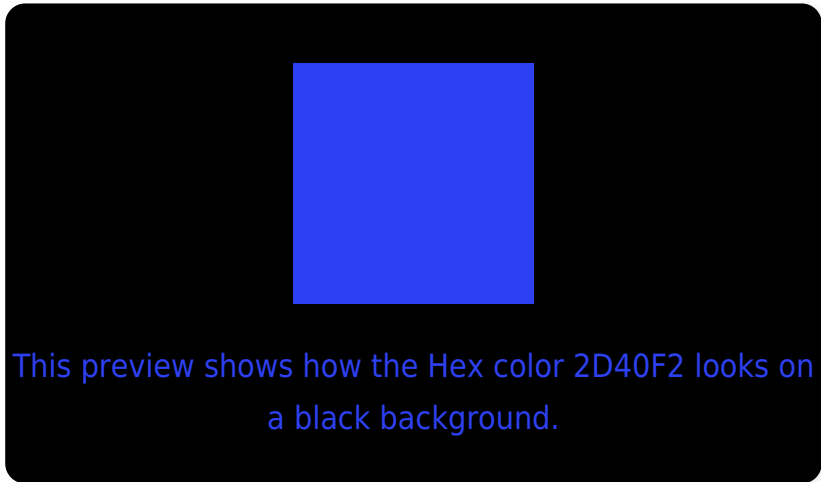
Large Text (above 18pt) WCAG AA ✓ Pass

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

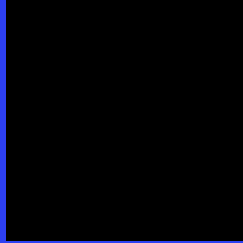
Any Text WCAG AA × Fail

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 2D40F2 Background



This preview shows how black text looks on a background with the Hex color 2D40F2.



This preview shows how white text looks on a background with the Hex color 2D40F2.

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
00656A

Trichromacy



Original Color
2D40F2



Protanomaly
104FCD



Deuteranomaly
1052BC



Tritanomaly
10589B

Monochromacy



Original Color
2D40F2



Achromatopsia
4F4F4F



Achromatomaly
434A8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D40F2 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 #2D40F2 looks like.

```
.text, #text, p{  
    color:#2D40F2  
}
```

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 #2D40F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D40F2
}
```

Border

The CSS property to change the border of an element to Hex 2D40F2 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
#2D40F2 }
```

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

```
.border{ border-color:#2D40F2 }
```

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

Here you see how a box with a 4 pixel #2D40F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D40F2; -webkit-box-shadow:4px 4px  
4px 4px #2D40F2; box-shadow:4px 4px 4px  
4px #2D40F2 }
```

Background

The CSS property to change the background color of an element to Hex 2D40F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D40F2 }
```

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

```
.background{ background-color:#2D40F2 }
```

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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