

Converting Colors

Hex(2D40DF)

Have a look what the booklet for
Hex(2D40DF) contains.

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Color

Hex(2D40DF)

Conversions

Conversions Part 1

Format	Color
Hex	2D40DF
RGB	45, 64, 223
RGB Percent	18%, 25%, 87%
CMY	0.8235, 0.7490, 0.1255
CMYK	0.80, 0.71, 0.00, 0.13
HSL	234°, 74%, 53%
HSV	234°, 80%, 87%
XYZ	16.2349, 9.5524, 70.8002
YIQ	76.4450, -62.3630, 45.4210

Conversions

Conversions Part 2

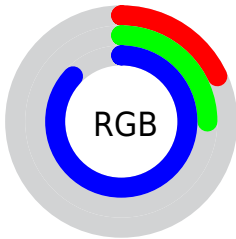
Format	Color
R_{YB}	45, 62, 223
Decimal	2965727
CIE _{Lab}	37.03, 48.86, -81.84
CIE _{LCh}	37, 95.318, 300.836
Yxy	9.5524, 0.1681, 0.0989
Android (android.graphics.Color)	4281155807 (0xFF2D40DF)
YUV	76.4450, 72.2516, -27.5773
Hunter-Lab	30.9069, 39.6757, -114.1838

Details

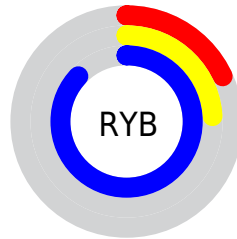
The Hex color **2D40DF** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **DFCC2D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7971FF**, and **0014A6** is the 20% darker color. If you saturate the color by 10%, you get **172CDF**, and if you desaturate by 10%, it is **4354DF**.

Distribution



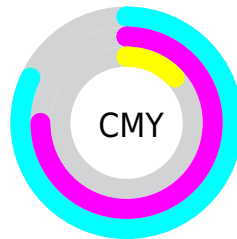
- Red (18%)
- Green (25%)
- Blue (87%)



- Red (18%)
- Yellow (24%)
- Blue (87%)



- Cyan (80%)
- Magenta (71%)
- Yellow (0%)
- Black (13%)



- Cyan (82%)
- Magenta (75%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D40DF 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 2D40DF by changing the saturation by 10% instead.

■ 2D40DF

■ 2D40DF

FFFFFF

■ 0029C2

■ 7971FF

■ 0014A6

■ 9A8BFF

■ 00038B

■ B9A5FF

■ 000071

■ D8C1FF

■ 000C57

■ F8DDFF

■ 00063F

■ FFF9FF

■ 000328

■ 000111

■ 000000

 2D40DF

 2D40DF

 172CDF

 4354DF

 0018DF

 5A68DF

 707CDF

 8690DF

 9DA4DF

 B3B8DF

 C9CBDF

 DFDfdf

 F6F3DF

Harmonies

Analogous

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



0064F6



2D40DF



AE00A4

Triad

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



2D40DF



A32D00



007158

Complementary

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



2D40DF



DFCC2D

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.



006E00



2D40DF



695600

Square

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



2D40DF



C9000E



006700



0073A6

Rectangle

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



2D40DF



CB0072



006700



00713C

Sweetspot

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



2D40DF



C2C8FF



2DDFCA



5B5E80



000000



808080

Same Dimension

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



2D40DF



0A24FF



712DDF



656670



0013B0



000530

Inverse Universe

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



DF2D40



FF0A24



9BDF2D



706566



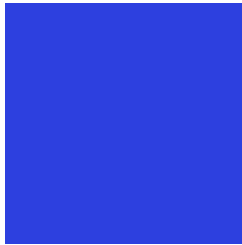
B00013



300005

Previews

White Background



This preview shows how the Hex color 2D40DF looks on a white background.

Color Contrast Check

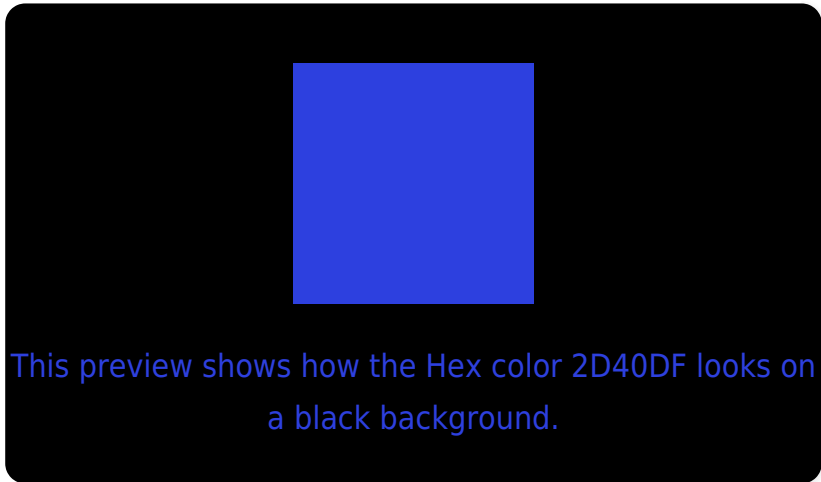
Large Text (above 18pt) WCAG AA ✓ Pass

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

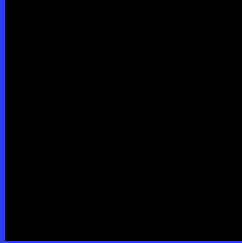
Any Text WCAG AA × Fail

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 2D40DF Background



This preview shows how black text looks on a background with the Hex color 2D40DF.



This preview shows how white text looks on a background with the Hex color 2D40DF.

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
2D40DF

Protanopia
0053B0

Deuteranopia
005996

Trichromacy



Original Color
2D40DF

Protanomaly
104CC1

Deuteranomaly
1050B1

Tritanomaly
105491

Monochromacy



Original Color
2D40DF

Achromatopsia
4C4C4C

Achromatomaly
414881

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D40DF 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 #2D40DF looks like.

```
.text, #text, p{  
    color:#2D40DF  
}
```

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 #2D40DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D40DF
}
```

Border

The CSS property to change the border of an element to Hex 2D40DF 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
#2D40DF }
```

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

```
.border{ border-color:#2D40DF }
```

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

Here you see how a box with a 4 pixel #2D40DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D40DF; -webkit-box-shadow:4px 4px  
4px 4px #2D40DF; box-shadow:4px 4px 4px  
4px #2D40DF }
```

Background

The CSS property to change the background color of an element to Hex 2D40DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D40DF }
```

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

```
.background{ background-color:#2D40DF }
```

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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