

Converting Colors

Hex(2C57DF)

Have a look what the booklet for
Hex(2C57DF) contains.

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Color

Hex(2C57DF)

Conversions

Conversions Part 1

Format	Color
Hex	2C57DF
RGB	44, 87, 223
RGB Percent	17%, 34%, 87%
CMY	0.8275, 0.6588, 0.1255
CMYK	0.80, 0.61, 0.00, 0.13
HSL	226°, 74%, 52%
HSV	226°, 80%, 87%
XYZ	17.7662, 12.6796, 71.3231
YIQ	89.6470, -69.2840, 33.1800

Conversions

Conversions Part 2

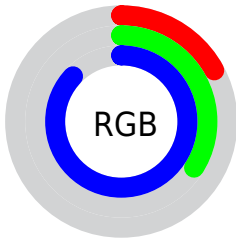
Format	Color
R _Y B	44, 79, 223
Decimal	2906079
CIE Lab	42.28, 34.69, -73.22
CIE LCh	42, 81.021, 295.352
Yxy	12.6796, 0.1746, 0.1246
Android (android.graphics.Color)	4281096159 (0xFF2C57DF)
YUV	89.6470, 65.7430, -40.0324
Hunter-Lab	35.6084, 26.7448, -93.8311

Details

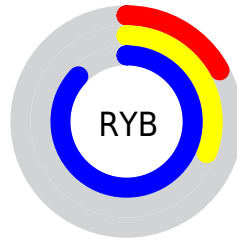
The Hex color **2C57DF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **DFB42C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7788FF**, and **002BA7** is the 20% darker color. If you saturate the color by 10%, you get **1646DF**, and if you desaturate by 10%, it is **4268DF**.

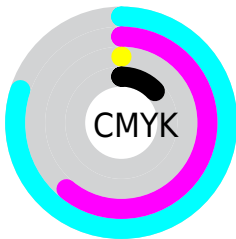
Distribution



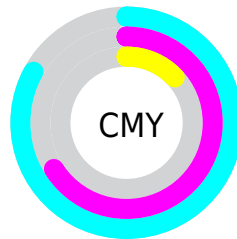
- Red (17%)
- Green (34%)
- Blue (87%)



- Red (17%)
- Yellow (31%)
- Blue (87%)



- Cyan (80%)
- Magenta (61%)
- Yellow (0%)
- Black (13%)



- Cyan (83%)
- Magenta (66%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C57DF 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 2C57DF by changing the saturation by 10% instead.

 2C57DF

 2C57DF

FFFFFF

 0040C2


 7788FF

 002BA7

 97A3FF

 00188B

 B6BEFF

 000171

 D5D9FF

 000B57

 F4F6FF

 00063F

 000328

 000112

 000000

■ 2C57DF

■ 2C57DF

■ 1646DF

■ 4268DF

■ 0036DF

■ 5979DF

■ 6F8ADF

■ 859BDF

■ 9BACDF

■ B2BDDF

■ C8CEDF

■ DEDFDF

■ F5EFDF

Harmonies

Analogous

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



0071EC



2C57DF



A626B1

Triad

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



2C57DF



B33C00



007D57

Complementary

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



2C57DF



DFB42C

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.



007900



2C57DF



835E00

Square

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



2C57DF



CF0030



427000



007E9C

Rectangle

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



2C57DF



C60087



427000



007C3F

Sweetspot

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



2C57DF



C2D1FF



2CDFB2



5B6380



000000



808080

Same Dimension

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



2C57DF



0A45FF



592CDF



656870



002AB0



000C30

Inverse Universe

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



DF2C57



FF0A45



B2DF2C



706568



B0002A



30000C

Previews

White Background



This preview shows how the Hex color 2C57DF looks on a white background.

Color Contrast Check

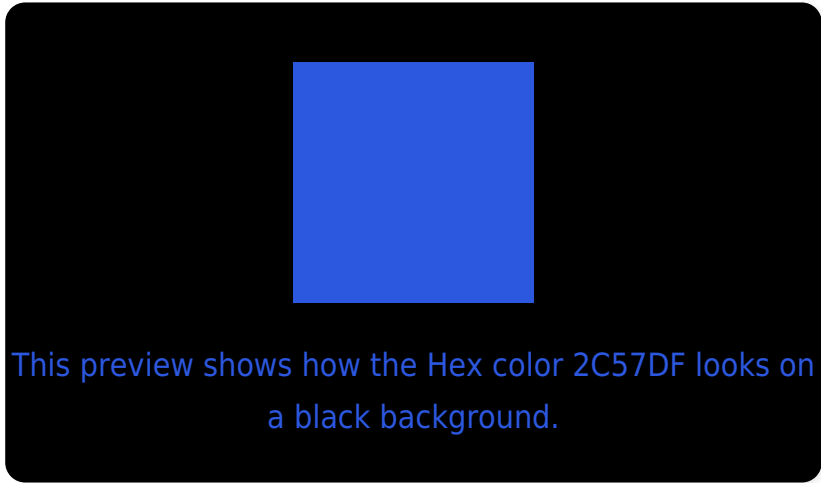
Large Text (above 18pt) WCAG AA ✓ Pass

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

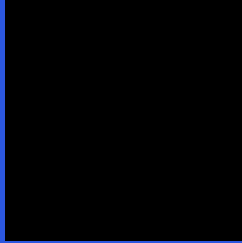
Any Text WCAG AA × Fail

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 2C57DF Background



This preview shows how black text looks on a background with the Hex color 2C57DF.

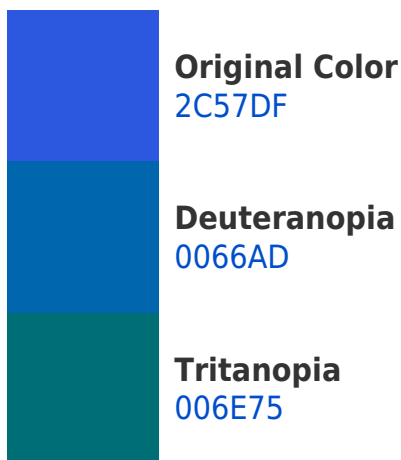


This preview shows how white text looks on a background with the Hex color 2C57DF.

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
2C57DF

Deuteranomaly
1061BF

Tritanomaly
10669C

Monochromacy



Original Color
2C57DF

Achromatopsia
5A5A5A

Achromatomaly
49598A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C57DF 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 #2C57DF looks like.

```
.text, #text, p{  
    color:#2C57DF  
}
```

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 #2C57DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C57DF
}
```

Border

The CSS property to change the border of an element to Hex 2C57DF 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
#2C57DF }
```

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

```
.border{ border-color:#2C57DF }
```

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

Here you see how a box with a 4 pixel #2C57DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C57DF; -webkit-box-shadow:4px 4px  
4px 4px #2C57DF; box-shadow:4px 4px 4px  
4px #2C57DF }
```

Background

The CSS property to change the background color of an element to Hex 2C57DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C57DF }
```

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

```
.background{ background-color:#2C57DF }
```

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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