

# Converting Colors

Hex(2843DF)

Have a look what the booklet for  
Hex(2843DF) contains.

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# Color

Hex(2843DF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2843DF
RGB	40, 67, 223
RGB Percent	16%, 26%, 87%
CMY	0.8431, 0.7373, 0.1255
CMYK	0.82, 0.70, 0.00, 0.13
HSL	231°, 74%, 52%
HSV	231°, 82%, 87%
XYZ	16.2015, 9.7931, 70.8484
YIQ	76.7110, -66.1680, 42.7920

# Conversions

## Conversions Part 2

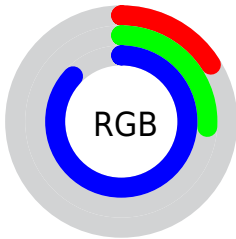
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 64, 223
Decimal	2638815
CIE <sub>Lab</sub>	37.47, 46.76, -81.12
CIE <sub>LCh</sub>	37, 93.635, 299.962
Yxy	9.7931, 0.1673, 0.1011
Android (android.graphics.Color)	4280828895 (0xFF2843DF)
YUV	76.7110, 72.1205, -32.1955
Hunter-Lab	31.2940, 37.6484, -112.3245

# Details

The Hex color **2843DF** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DFC428**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7774FF**, and **0017A6** is the 20% darker color. If you saturate the color by 10%, you get **1230DF**, and if you desaturate by 10%, it is **3E56DF**.

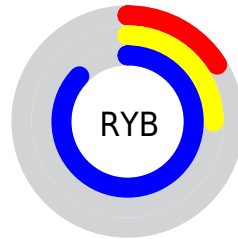
# Distribution



 Red (16%)

 Green (26%)

 Blue (87%)




 Red (16%)

 Yellow (25%)

 Blue (87%)

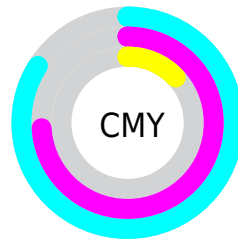


 Cyan (82%)

 Magenta (70%)

 Yellow (0%)

 Black (13%)



 Cyan (84%)

 Magenta (74%)

 Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2843DF 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 2843DF by changing the saturation by 10% instead.



■ 2843DF

■ 2843DF

FFFFFF

■ 002CC2

■ 7774FF

■ 0017A6

■ 978DFF

■ 00068B

■ B7A8FF

■ 000071

■ D6C3FF

■ 000C57

■ F5E0FF

■ 00063F

■ FFFCFF

■ 000328

■ 000111

■ 000000

 2843DF

 2843DF

 1230DF

 3E56DF

 0021DF

 5569DF

 6B7CDF

 818FDF

 98A2DF

 AEB5DF

 C4C8DF

 DADBDF

 F1EEDF

# Harmonies

## Analogous

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



0065F4



2843DF



AC00A6

# Triad

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



2843DF



A52D00



007256

# Complementary

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



2843DF



DFC428

# 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.



006F00



2843DF



6C5600

# Square

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



2843DF



CA0013



076800



0074A3

# Rectangle

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



2843DF



CA0075



076800



00713B



# Sweetspot

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



2843DF



BFC9FF



28DFC4



595F80



000000



808080



# Same Dimension

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



2843DF



052AFF



6828DF



656770



001AB0



000730



# Inverse Universe

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



DF2843



FF052A



9FDF28



706567



B0001A

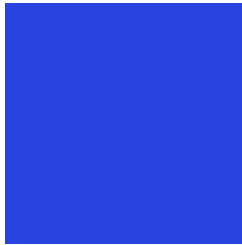


300007



# Previews

## White Background



This preview shows how the Hex color 2843DF looks on a white background.

## Color Contrast Check

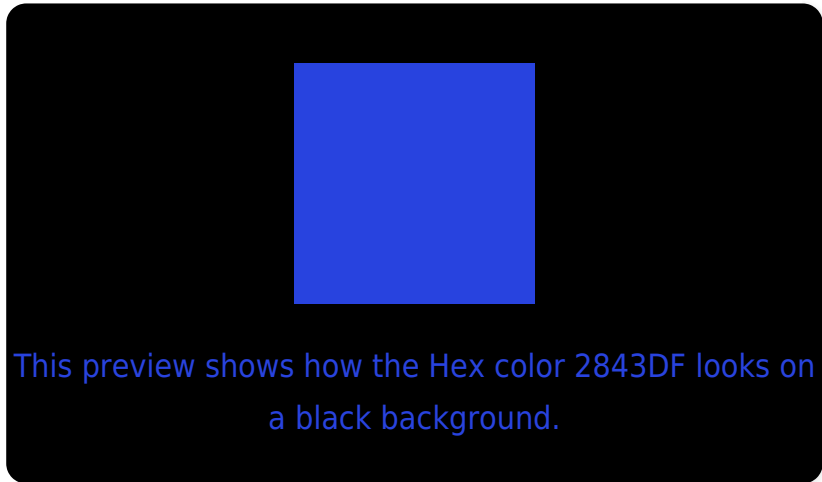
Large Text (above 18pt) WCAG AA ✓ Pass

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

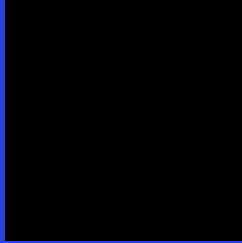
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2843DF Background



This preview shows how black text looks on a background with the Hex color 2843DF.

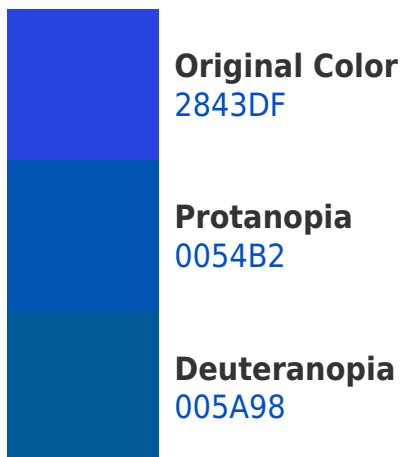


This preview shows how white text looks on a background with the Hex color 2843DF.

# Color Blindness Simulation

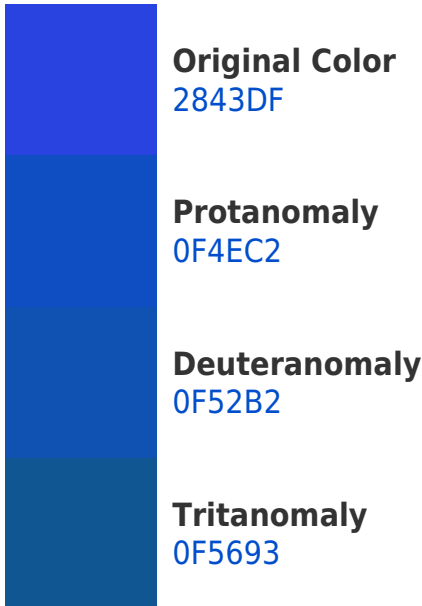
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2843DF 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 #2843DF looks like.

```
.text, #text, p{  
    color:#2843DF  
}
```

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 #2843DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2843DF
}
```

## Border

The CSS property to change the border of an element to Hex 2843DF 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
#2843DF }
```

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

```
.border{ border-color:#2843DF }
```

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

Here you see how a box with a 4 pixel #2843DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2843DF; -webkit-box-shadow:4px 4px  
4px 4px #2843DF; box-shadow:4px 4px 4px  
4px #2843DF }
```

# Background

The CSS property to change the background color of an element to Hex 2843DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2843DF }
```

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

```
.background{ background-color:#2843DF }
```

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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