

Converting Colors

Hex(034BDF)

Have a look what the booklet for
Hex(034BDF) contains.

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Color

Hex(034BDF)

Conversions

Conversions Part 1

Format	Color
Hex	034BDF
RGB	3, 75, 223
RGB Percent	1%, 29%, 87%
CMY	0.9882, 0.7059, 0.1255
CMYK	0.99, 0.66, 0.00, 0.13
HSL	220°, 97%, 44%
HSV	220°, 99%, 87%
XYZ	15.8729, 10.3792, 70.9788
YIQ	70.3440, -90.4200, 30.7640

Conversions

Conversions Part 2

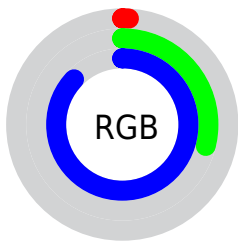
Format	Color
RYB	3, 57, 223
Decimal	216031
CIELab	38.51, 40.37, -79.42
CIELCh	39, 89.094, 296.942
Yxy	10.3792, 0.1632, 0.1067
Android (android.graphics.Color)	4278406111 (0xFF034BDF)
YUV	70.3440, 75.2594, -59.0607
Hunter-Lab	32.2168, 31.5658, -108.0737

Details

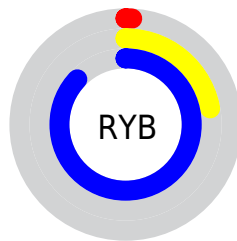
The Hex color **034BDF** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DF9703**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6B7BFF**, and **0020A6** is the 20% darker color. If you saturate the color by 10%, you get **0049DF**, and if you desaturate by 10%, it is **195ADF**.

Distribution



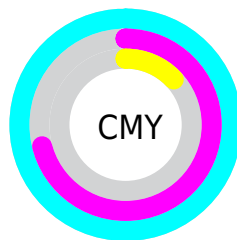
- Red (1%)
- Green (29%)
- Blue (87%)



- Red (1%)
- Yellow (22%)
- Blue (87%)



- Cyan (99%)
- Magenta (66%)
- Yellow (0%)
- Black (13%)



- Cyan (99%)
- Magenta (71%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 034BDF 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 034BDF by changing the saturation by 10% instead.

 034BDF

 034BDF

FFFFFF

 0035C2

 6B7BFF

 0020A6

 8C95FF

 000F8B

 ACB0FF

 000071

 CCCBFF

 000C57

 EBE7FF

 00063F

 000328

 000112

 000000

■ 034BDF

■ 034BDF

■ 0049DF

■ 195ADF

■ 3069DF

■ 4678DF

■ 5C87DF

■ 7296DF

■ 89A5DF

■ 9FB4DF

■ B5C3DF

■ CCD2DF

Harmonies

Analogous

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



0068EF



034BDF



A500AB

Triad

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



034BDF



AA2D00



007451

Complementary

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



034BDF



DF9703

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.



007100



034BDF



765600

Square

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



034BDF



CB0020



296900



00769B

Rectangle

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



034BDF



C5007D



296900



007337

Sweetspot

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



034BDF



B3CCFF



03DF96



526180



000000



808080

Same Dimension

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



034BDF



0053FF



2803DF



656970



003AB0



001030

Inverse Universe

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



DF034B



FF0053



BADF03



706569



B0003A



300010

Previews

White Background



This preview shows how the Hex color 034BDF looks on a white background.

Color Contrast Check

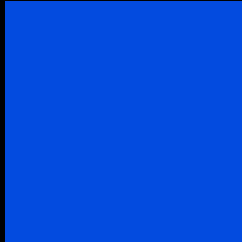
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 034BDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

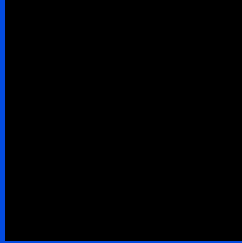
Any Text WCAG AA × Fail

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 034BDF Background



This preview shows how black text looks on a background with the Hex color 034BDF.



This preview shows how white text looks on a background with the Hex color 034BDF.

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
034BDF

Protanopia
0057B8

Deuteranopia
005D9D



Tritanopia
00646A

Trichromacy



Original Color
034BDF

Protanomaly
0153C6

Deuteranomaly
0156B5

Tritanomaly
015B95

Monochromacy



Original Color
034BDF

Achromatopsia
464646

Achromatomaly
2E487E

CSS Examples

Text

The CSS property to change the color of the text to Hex 034BDF 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 #034BDF looks like.

```
.text, #text, p{  
    color:#034BDF  
}
```

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 #034BDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #034BDF
}
```

Border

The CSS property to change the border of an element to Hex 034BDF 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
#034BDF }
```

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

```
.border{ border-color:#034BDF }
```

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

Here you see how a box with a 4 pixel #034BDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #034BDF; -webkit-box-shadow:4px 4px  
4px 4px #034BDF; box-shadow:4px 4px 4px  
4px #034BDF }
```

Background

The CSS property to change the background color of an element to Hex 034BDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#034BDF }
```

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

```
.background{ background-color:#034BDF }
```

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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