

Converting Colors

Hex(085BDF)

Have a look what the booklet for
Hex(085BDF) contains.

Hex(085BDF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(085BDF)

Conversions

Conversions Part 1

Format	Color
Hex	085BDF
RGB	8, 91, 223
RGB Percent	3%, 36%, 87%
CMY	0.9686, 0.6431, 0.1255
CMYK	0.96, 0.59, 0.00, 0.13
HSL	217°, 93%, 45%
HSV	217°, 96%, 87%
XYZ	17.1605, 12.8615, 71.3901
YIQ	81.2310, -91.8400, 23.4560

Conversions

Conversions Part 2

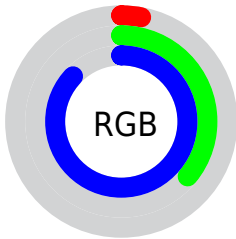
Format	Color
RYB	8, 68, 223
Decimal	547807
CIELab	42.55, 30.21, -72.79
CIELCh	43, 78.814, 292.538
Yxy	12.8615, 0.1692, 0.1268
Android (android.graphics.Color)	4278737887 (0xFF085BDF)
YUV	81.2310, 69.8921, -64.2236
Hunter-Lab	35.8629, 22.6525, -92.9208

Details

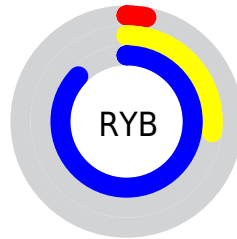
The Hex color **085BDF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **DF8C08**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6B8CFF**, and **002FA7** is the 20% darker color. If you saturate the color by 10%, you get **0056DF**, and if you desaturate by 10%, it is **1E69DF**.

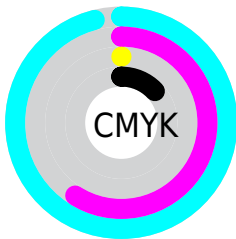
Distribution



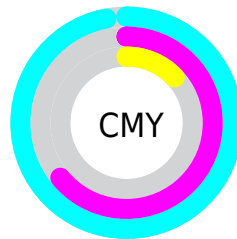
- Red (3%)
- Green (36%)
- Blue (87%)



- Red (3%)
- Yellow (27%)
- Blue (87%)



- Cyan (96%)
- Magenta (59%)
- Yellow (0%)
- Black (13%)



- Cyan (97%)
- Magenta (64%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 085BDF 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 085BDF by changing the saturation by 10% instead.

■ 085BDF

■ 085BDF

FFFFFF

■ 0044C2

■ 6B8CFF

■ 002FA7

■ 8CA7FF

■ 001C8B

■ ABC2FF

■ 000671

■ CADDFF

■ 000C58

■ EAFAFF

■ 00063F

■ 000328

■ 000112

■ 000000

■ 085BDF

■ 085BDF

■ 0056DF

■ 1E69DF

■ 3576DF

■ 4B84DF

■ 6192DF

■ 789FDF

■ 8EADDF

■ A4BBDF

■ BAC9DF

■ D1D6DF

Harmonies

Analogous

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



0072E8



085BDF



9F30B5

Triad

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



085BDF



B63A00



007D52

Complementary

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



085BDF



DF8C08

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



085BDF



895C00

Square

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



085BDF



CF0038



4C6F00



007F95

Rectangle

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



085BDF



C2008D



4C6F00



007C3A

Sweetspot

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



085BDF



B5D2FF



08DF89



536480



000000



808080

Same Dimension

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



085BDF



0062FF



1D08DF



656970



0044B0



001330

Inverse Universe

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



DF085B



FF0062



CADF08



706569



B00044



300013

Previews

White Background



This preview shows how the Hex color 085BDF looks on a white background.

Color Contrast Check

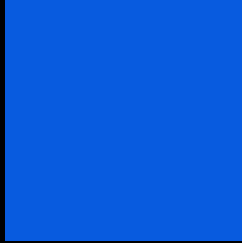
Large Text (above 18pt) WCAG AA ✓ Pass

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 085BDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

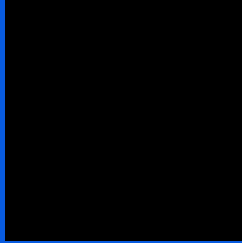
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

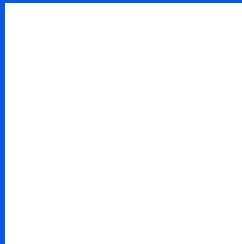
Any Text WCAG AAA × Fail

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

Hex 085BDF Background



This preview shows how black text looks on a background with the Hex color 085BDF.



This preview shows how white text looks on a background with the Hex color 085BDF.

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
006F76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 085BDF 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 #085BDF looks like.

```
.text, #text, p{  
    color:#085BDF  
}
```

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 #085BDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #085BDF
}
```

Border

The CSS property to change the border of an element to Hex 085BDF 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
#085BDF }
```

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

```
.border{ border-color:#085BDF }
```

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

Here you see how a box with a 4 pixel #085BDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #085BDF; -webkit-box-shadow:4px 4px  
4px 4px #085BDF; box-shadow:4px 4px 4px  
4px #085BDF }
```

Background

The CSS property to change the background color of an element to Hex 085BDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#085BDF }
```

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

```
.background{ background-color:#085BDF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor