

Converting Colors

Hex(083EF7)

Have a look what the booklet for
Hex(083EF7) contains.

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Color

Hex(083EF7)

Conversions

Conversions Part 1

Format	Color
Hex	083EF7
RGB	8, 62, 247
RGB Percent	3%, 24%, 97%
CMY	0.9686, 0.7569, 0.0314
CMYK	0.97, 0.75, 0.00, 0.03
HSL	226°, 94%, 50%
HSV	226°, 97%, 97%
XYZ	18.6113, 10.2123, 88.9859
YIQ	66.9440, -91.5690, 46.0870

Conversions

Conversions Part 2

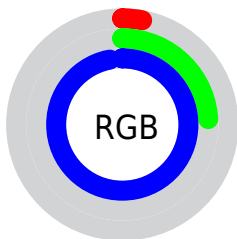
Format	Color
R _Y B	8, 52, 247
Decimal	540407
CIE Lab	38.22, 56.64, -93.51
CIE LCh	38, 109.320, 301.203
Yxy	10.2123, 0.1580, 0.0867
Android (android.graphics.Color)	4278730487 (0xFF083EF7)
YUV	66.9440, 88.7676, -51.6939
Hunter-Lab	31.9566, 48.0327, -142.7283

Details

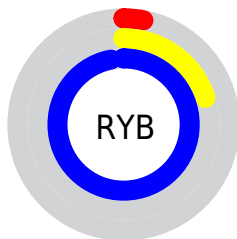
The Hex color **083EF7** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **F7C108**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **746FFF**, and **0011BD** is the 20% darker color. If you saturate the color by 10%, you get **0038F7**, and if you desaturate by 10%, it is **2151F7**.

Distribution



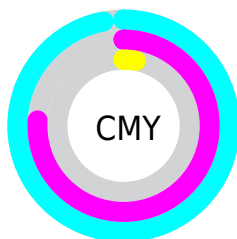
- Red (3%)
- Green (24%)
- Blue (97%)



- Red (3%)
- Yellow (20%)
- Blue (97%)



- Cyan (97%)
- Magenta (75%)
- Yellow (0%)
- Black (3%)




- Cyan (97%)
- Magenta (76%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 083EF7 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 083EF7 by changing the saturation by 10% instead.

 083EF7

 083EF7

FFFFFF

 0027DA

 746FFF

 0011BD

 9789FF

 0001A1

 B8A4FF

 000086

 D9BFFF

 000E6B

 F9DBFF

 000B52

 FFF8FF

 00053A

 000223

 00000A

■ 083EF7

■ 083EF7

■ 0038F7

■ 2151F7

■ 3964F7

■ 5277F7

■ 6B8AF7

■ 839EF7

■ 9CB1F7

■ B5C4F7

■ CED7F7

■ E6EAF7

Harmonies

Analogous

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



0069FF



083EF7



BE00B2

Triad

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



083EF7



AE2500



00765C

Complementary

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



083EF7



F7C108

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.



007300



083EF7



6B5900

Square

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



083EF7



DA0003



006C00



0079B6

Rectangle

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



083EF7



DF0078



006C00



00753C

Sweetspot

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



083EF7



B5C6FF



08F7BF



535D80



000000



808080

Same Dimension

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



083EF7



003AFF



4808F7



6E717A



002ABA



000D3B

Inverse Universe

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



F7083E



FF003A



B7F708



7A6E71



BA002A



3B000D

Previews

White Background



This preview shows how the Hex color 083EF7 looks on a white background.

Color Contrast Check

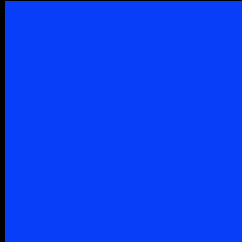
Large Text (above 18pt) WCAG AA ✓ Pass

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 083EF7 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 083EF7 Background



This preview shows how black text looks on a background with the Hex color 083EF7.



This preview shows how white text looks on a background with the Hex color 083EF7.

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
083EF7

Protanomaly
034DCD

Deuteranomaly
0351BC

Monochromacy



Original Color
083EF7

Achromatopsia
434343

Achromatomaly
2E4184

CSS Examples

Text

The CSS property to change the color of the text to Hex 083EF7 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 #083EF7 looks like.

```
.text, #text, p{  
    color:#083EF7  
}
```

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 #083EF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083EF7
}
```

Border

The CSS property to change the border of an element to Hex 083EF7 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
#083EF7 }
```

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

```
.border{ border-color:#083EF7 }
```

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

Here you see how a box with a 4 pixel #083EF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083EF7; -webkit-box-shadow:4px 4px  
4px 4px #083EF7; box-shadow:4px 4px 4px  
4px #083EF7 }
```

Background

The CSS property to change the background color of an element to Hex 083EF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083EF7 }
```

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

```
.background{ background-color:#083EF7 }
```

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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