

Converting Colors

Hex(014EFD)

Have a look what the booklet for
Hex(014EFD) contains.

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Color

Hex(014EFD)

Conversions

Conversions Part 1

Format	Color
Hex	014EFD
RGB	1, 78, 253
RGB Percent	0%, 31%, 99%
CMY	0.9961, 0.6941, 0.0078
CMYK	1.00, 0.69, 0.00, 0.01
HSL	222°, 99%, 50%
HSV	222°, 100%, 99%
XYZ	20.4665, 12.5471, 94.2716
YIQ	74.9270, -102.0670, 38.1010

Conversions

Conversions Part 2

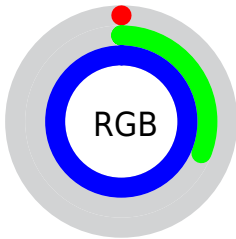
Format	Color
RYB	1, 60, 253
Decimal	85757
CIELab	42.07, 49.38, -90.50
CIELCh	42, 103.089, 298.618
Yxy	12.5471, 0.1608, 0.0986
Android (android.graphics.Color)	4278275837 (0xFF014EFD)
YUV	74.9270, 87.7900, -64.8340
Hunter-Lab	35.4219, 41.1479, -132.9989

Details

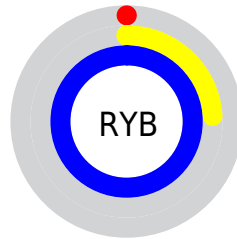
The Hex color **014EFD** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **FDB001**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **747FFF**, and **0022C3** is the 20% darker color. If you saturate the color by 10%, you get **004DFD**, and if you desaturate by 10%, it is **1A60FD**.

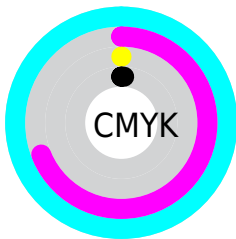
Distribution



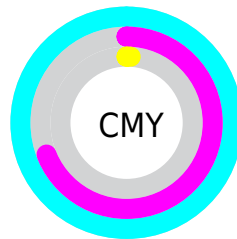
- Red (0%)
- Green (31%)
- Blue (99%)



- Red (0%)
- Yellow (24%)
- Blue (99%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (69%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 014EFD 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 014EFD by changing the saturation by 10% instead.

014EFD

014EFD

FFFFFF

0037E0

747FFF

0022C3

9699FF

0010A7

B8B4FF

00008B

D8D0FF

000971

F8ECFF

000C57

00063F

000328

000111

■ 014EFD

■ 014EFD

■ 004DFD

■ 1A60FD

■ 3471FD

■ 4D83FD

■ 6694FD

■ 80A6FD

■ 99B7FD

■ B2C9FD

■ CBDBFD

■ E5ECFD

Harmonies

Analogous

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



0073FF



014EFD



BE00BE

Triad

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



014EFD



BB2F00



00805D

Complementary

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



014EFD



FDB001

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.



007D00



014EFD



7D6000

Square

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



014EFD



E40019



147400



0082B4

Rectangle

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



014EFD



E20088



147400



007F3E

Sweetspot

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



014EFD



B3CAFF



01FDAD



526080



000000



808080

Same Dimension

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



014EFD



004EFF



2F01FD



737780



003ABF



001340

Inverse Universe

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



FD014E



FF004E



CFFD01



807377



BF003A



400013

Previews

White Background



This preview shows how the Hex color 014EFD 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 014EFD 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 014EFD Background



This preview shows how black text looks on a background with the Hex color 014EFD.



This preview shows how white text looks on a background with the Hex color 014EFD.

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
014EFD

Protanopia
005FC8

Deuteranopia
0065AB



Tritanopia
006D73

Trichromacy



Original Color
014EFD

Protanomaly
0059DB

Deuteranomaly
005DC9

Tritanomaly
0062A5

Monochromacy



Original Color
014EFD

Achromatopsia
4B4B4B

Achromatomaly
304C8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 014EFD 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 #014EFD looks like.

```
.text, #text, p{  
    color:#014EFD  
}
```

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 #014EFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #014EFD
}
```

Border

The CSS property to change the border of an element to Hex 014EFD 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
#014EFD }
```

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

```
.border{ border-color:#014EFD }
```

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

Here you see how a box with a 4 pixel #014EFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #014EFD; -webkit-box-shadow:4px 4px  
4px 4px #014EFD; box-shadow:4px 4px 4px  
4px #014EFD }
```

Background

The CSS property to change the background color of an element to Hex 014EFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#014EFD }
```

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

```
.background{ background-color:#014EFD }
```

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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