

Converting Colors

Hex(0129FE)

Have a look what the booklet for
Hex(0129FE) contains.

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Color

Hex(0129FE)

Conversions

Conversions Part 1

Format	Color
Hex	0129FE
RGB	1, 41, 254
RGB Percent	0%, 16%, 100%
CMY	0.9961, 0.8392, 0.0039
CMYK	1.00, 0.84, 0.00, 0.00
HSL	231°, 99%, 50%
HSV	231°, 100%, 100%
XYZ	18.6948, 8.7481, 94.4692
YIQ	53.3220, -92.2130, 57.7630

Conversions

Conversions Part 2

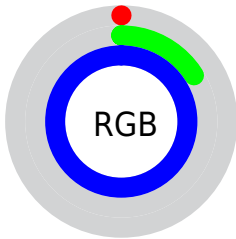
Format	Color
R_{YB}	1, 36, 254
Decimal	76286
CIE _{Lab}	35.49, 68.82, -101.97
CIE _{LCh}	35, 123.021, 304.016
Yxy	8.7481, 0.1533, 0.0718
Android (android.graphics.Color)	4278266366 (0xFF0129FE)
YUV	53.3220, 98.9343, -45.8864
Hunter-Lab	29.5772, 61.0645, -168.6676

Details

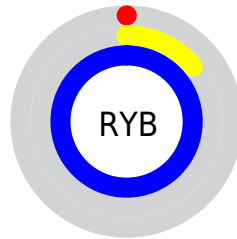
The Hex color **0129FE** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FED601**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **775DFF**, and **0000C3** is the 20% darker color. If you saturate the color by 10%, you get **0028FE**, and if you desaturate by 10%, it is **1A3EFE**.

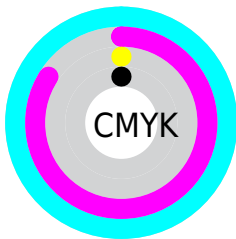
Distribution



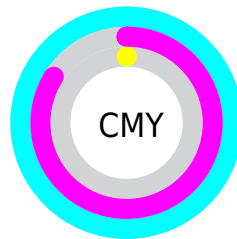
- Red (0%)
- Green (16%)
- Blue (100%)



- Red (0%)
- Yellow (14%)
- Blue (100%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)





- Cyan (100%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0129FE 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 0129FE by changing the saturation by 10% instead.

 0129FE

 0129FE

FFFFFF

 000BE0

 775DFF

 0000C3

 9B77FF

 0000A7

 BC92FF

 00008C

 DDADFF

 000F71

 FECAFF

 000C57

 FFE6FF

 00063F

 000328

 000112

 0129FE

 0129FE

 0028FE

 1A3EFE

 3454FE

 4D69FE

 677FFE

 8094FE

 99A9FE

 B3BFFE

 CCD4FE

 E6E9FE

Harmonies

Analogous

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



0064FF



0129FE



C800AD

Triad

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



0129FE



A61900



00705F

Complementary

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



0129FE



FED601

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.



006D00



0129FE



5B5600

Square

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



0129FE



DA0000



006800



0074C3

Rectangle

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



0129FE



E7006C



006800



006F3C

Sweetspot

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



0129FE



B3BFFF



01FED4



525980



000000



808080

Same Dimension

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



0129FE



0028FF



5501FE



737580



001EBF



000A40

Inverse Universe

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



FE0129



FF0028



AAFE01



807375



BF001E



40000A

Previews

White Background



This preview shows how the Hex color 0129FE looks on a white background.

Color Contrast Check

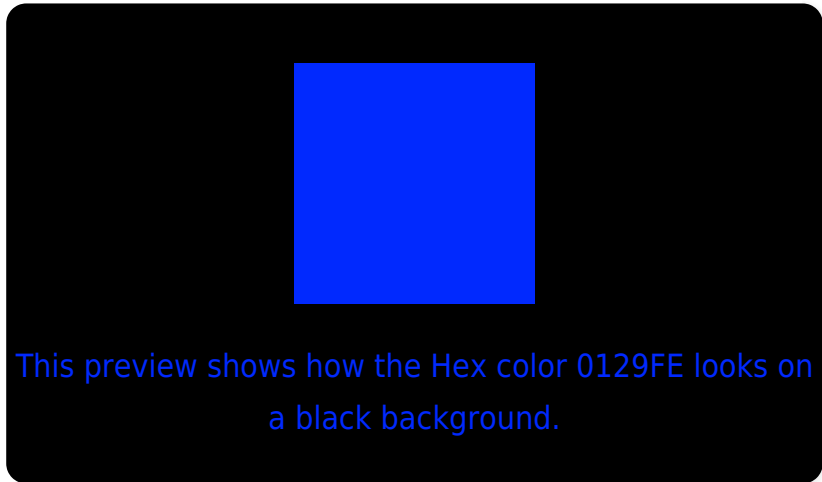
Large Text (above 18pt) WCAG AA ✓ Pass

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 0129FE Background



This preview shows how black text looks on a background with the Hex color 0129FE.



This preview shows how white text looks on a background with the Hex color 0129FE.

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
005C60

Trichromacy



Original Color
0129FE

Protanomaly
0042C7

Deuteranomaly
0045B7

Tritanomaly
004999

Monochromacy



Original Color
0129FE

Achromatopsia
353535

Achromatomaly
22317E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0129FE 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 #0129FE looks like.

```
.text, #text, p{  
    color:#0129FE  
}
```

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 #0129FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0129FE
}
```

Border

The CSS property to change the border of an element to Hex 0129FE 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
#0129FE }
```

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

```
.border{ border-color:#0129FE }
```

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

Here you see how a box with a 4 pixel #0129FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0129FE; -webkit-box-shadow:4px 4px  
4px 4px #0129FE; box-shadow:4px 4px 4px  
4px #0129FE }
```

Background

The CSS property to change the background color of an element to Hex 0129FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0129FE }
```

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

```
.background{ background-color:#0129FE }
```

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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