

Converting Colors

Hex(16FE29)

Have a look what the booklet for
Hex(16FE29) contains.

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Color

Hex(16FE29)

Conversions

Conversions Part 1

Format	Color
Hex	16FE29
RGB	22, 254, 41
RGB Percent	9%, 100%, 16%
CMY	0.9137, 0.0039, 0.8392
CMYK	0.91, 0.00, 0.84, 0.00
HSL	125°, 99%, 54%
HSV	125°, 91%, 100%
XYZ	36.1729, 71.2143, 13.9370
YIQ	160.3500, -69.8990, -115.4270

Conversions

Conversions Part 2

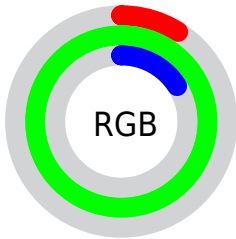
Format	Color
R_{YB}	22, 236, 254
Decimal	1506857
CIE _{Lab}	87.59, -84.16, 77.81
CIE _{LCh}	88, 114.619, 137.247
Yxy	71.2143, 0.2982, 0.5870
Android (android.graphics.Color)	4279696937 (0xFF16FE29)
YUV	160.3500, -58.8395, -121.3329
Hunter-Lab	84.3886, -71.1664, 49.2801

Details

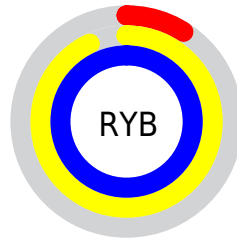
The Hex color **16FE29** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **FE16EB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7BFF6B**, and **00C300** is the 20% darker color. If you saturate the color by 10%, you get **00FE15**, and if you desaturate by 10%, it is **2FFE40**.

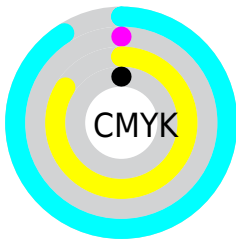
Distribution



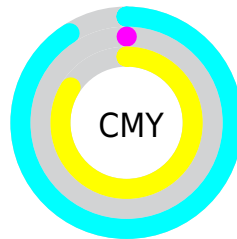
- Red (9%)
- Green (100%)
- Blue (16%)



- Red (9%)
- Yellow (93%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (84%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16FE29 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 16FE29 by changing the saturation by 10% instead.

 16FE29

FFFFFF

 7BFF6B

 9EFF89

 BFFFA6

 E0FFC4

 FFFFE1

 16FE29

 00E000

 00C300

 00A700

 008B00

 007000

 005500

 003C00

 002200

 000000

 16FE29

 16FE29

 00FE15

 2FFE40

 49FE58

 62FE6F

 7CFE86

 95FE9E

 AEFEB5

 C8FECC

 E1FEE4

 FBFEFB

Harmonies

Analogous

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



CDEA00



16FE29



00FA7

Triad

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



16FE29



00F6FF



FF53A2

Complementary

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



16FE29



FE16EB

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.



FF5AFF



16FE29



23D3FF

Square

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



16FE29



00FFFF



FF9BFF



FF9036

Rectangle

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



16FE29



00FFF4



FF9BFF



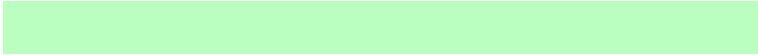
FF48C6

Sweetspot

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



16FE29



BAFFC0



EFFE16



57805A



000000



808080

Same Dimension

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



16FE29



00FF15



16FE99



738074



00BF10



004005

Inverse Universe

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



FE16EB



FF00EA



FE167B



80737E



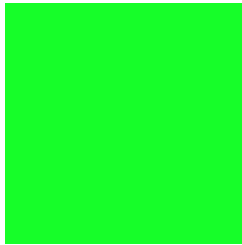
BF00B0



40003B

Previews

White Background



This preview shows how the Hex color 16FE29 looks on a white background.

Color Contrast Check

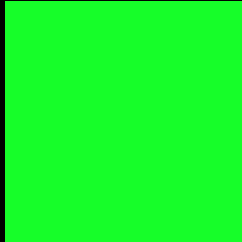
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 16FE29 looks on a black 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

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

Hex 16FE29 Background



This preview shows how black text looks on a background with the Hex color 16FE29.



This preview shows how white text looks on a background with the Hex color 16FE29.

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
16FE29

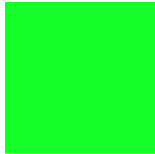
Protanopia
F5DA1F

Deuteranopia
FFD28E



Tritanopia
6EECFE

Trichromacy



Original Color
16FE29



Protanomaly
A4E723

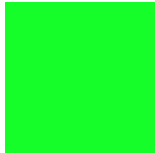


Deuteranomaly
AAE269



Tritanomaly
4EF3B1

Monochromacy



Original Color
16FE29



Achromatopsia
A0A0A0



Achromatomaly
6EC275

CSS Examples

Text

The CSS property to change the color of the text to Hex 16FE29 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 #16FE29 looks like.

```
.text, #text, p{  
    color:#16FE29  
}
```

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 #16FE29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16FE29
}
```

Border

The CSS property to change the border of an element to Hex 16FE29 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
#16FE29 }
```

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

```
.border{ border-color:#16FE29 }
```

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

Here you see how a box with a 4 pixel #16FE29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16FE29; -webkit-box-shadow:4px 4px  
4px 4px #16FE29; box-shadow:4px 4px 4px  
4px #16FE29 }
```

Background

The CSS property to change the background color of an element to Hex 16FE29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16FE29 }
```

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

```
.background{ background-color:#16FE29 }
```

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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