

Converting Colors

Hex(12FF19)

Have a look what the booklet for
Hex(12FF19) contains.

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Color

Hex(12FF19)

Conversions

Conversions Part 1

Format	Color
Hex	12FF19
RGB	18, 255, 25
RGB Percent	7%, 100%, 10%
CMY	0.9294, 0.0000, 0.9020
CMYK	0.93, 0.00, 0.90, 0.00
HSL	122°, 100%, 54%
HSV	122°, 93%, 100%
XYZ	36.1849, 71.7188, 12.8557
YIQ	157.9170, -67.4220, -121.7740

Conversions

Conversions Part 2

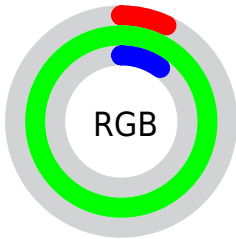
Format	Color
RYB	18, 248, 255
Decimal	1244953
CIELab	87.83, -85.17, 80.91
CIELCh	88, 117.475, 136.472
Yxy	71.7188, 0.2996, 0.5939
Android (android.graphics.Color)	4279435033 (0xFF12FF19)
YUV	157.9170, -65.5281, -122.7072
Hunter-Lab	84.6869, -71.9329, 50.2805

Details

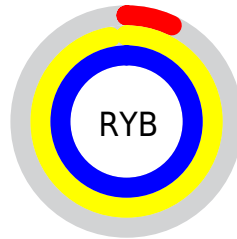
The Hex color **12FF19** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark washed green. A complement of this color would be **FF12F8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7AFF63**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF08**, and if you desaturate by 10%, it is **2CFF32**.

Distribution



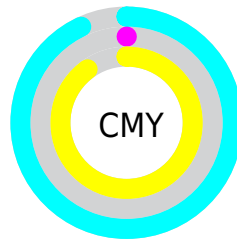
- Red (7%)
- Green (100%)
- Blue (10%)



- Red (7%)
- Yellow (97%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (93%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12FF19 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 12FF19 by changing the saturation by 10% instead.

 12FF19

 12FF19

FFFFFF

 00E100

 7AFF63

 00C400

 9EFF81

 00A800

 BFFF9F

 008C00

 E0FFBD

 007100

 FFFFDB

 005600

 FFFFF9

 003D00

 002200

 000000

 12FF19

 12FF19

 00FF08

 2CFF32

 45FF4A

 5FFF63

 78FF7C

 92FF95

 ABFFAD

 C5FFC6

 DEFFDF

 F8FFF8

Harmonies

Analogous

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



D0EA00



12FF19



00FFA4

Triad

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



12FF19



00F8FF



FF49A4

Complementary

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



12FF19



FF12F8

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.



FF54FF



12FF19



00D5FF

Square

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



12FF19



00FFFF



FF9CFF



FF8C35

Rectangle

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



12FF19



00FFF2



FF9CFF



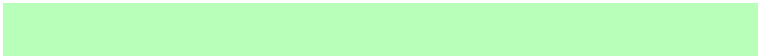
FF3DC9

Sweetspot

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



12FF19



B8FFBA



FBFF12



548055



000000



808080

Same Dimension

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



12FF19



00FF08



12FF8C



738073



00BF06



004002

Inverse Universe

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



FF12F8



FF00F7



FF1285



80737F



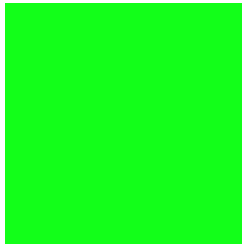
BF00BA



40003E

Previews

White Background



This preview shows how the Hex color 12FF19 looks on a white background.

Color Contrast Check

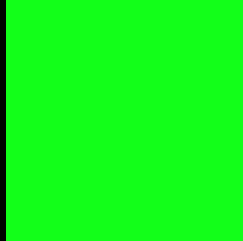
Large Text (above 18pt) WCAG AA × Fail

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 12FF19 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

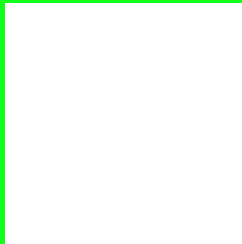
Any Text WCAG AAA ✓ Pass

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

Hex 12FF19 Background



This preview shows how black text looks on a background with the Hex color 12FF19.

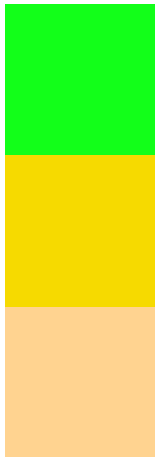


This preview shows how white text looks on a background with the Hex color 12FF19.

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](#).

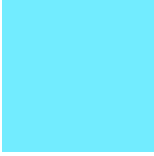
Dichromacy



Original Color
E67E22

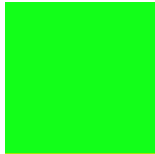
Protanopia
F6DA00

Deuteranopia
FFD390



Tritanopia
72ECFF

Trichromacy



Original Color
12FF19



Protanomaly
A3E709

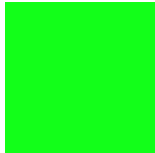


Deuteranomaly
A9E365



Tritanomaly
4FF3AB

Monochromacy



Original Color
12FF19



Achromatopsia
9E9E9E



Achromatomaly
6BC16E

CSS Examples

Text

The CSS property to change the color of the text to Hex 12FF19 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 #12FF19 looks like.

```
.text, #text, p{  
    color:#12FF19  
}
```

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 #12FF19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12FF19
}
```

Border

The CSS property to change the border of an element to Hex 12FF19 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
#12FF19 }
```

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

```
.border{ border-color:#12FF19 }
```

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

Here you see how a box with a 4 pixel #12FF19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12FF19; -webkit-box-shadow:4px 4px  
4px 4px #12FF19; box-shadow:4px 4px 4px  
4px #12FF19 }
```

Background

The CSS property to change the background color of an element to Hex 12FF19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12FF19 }
```

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

```
.background{ background-color:#12FF19 }
```

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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