

Converting Colors

Hex(12F3FF)

Have a look what the booklet for
Hex(12F3FF) contains.

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Color

Hex(12F3FF)

Conversions

Conversions Part 1

Format	Color
Hex	12F3FF
RGB	18, 243, 255
RGB Percent	7%, 95%, 100%
CMY	0.9294, 0.0471, 0.0000
CMYK	0.93, 0.05, 0.00, 0.00
HSL	183°, 100%, 54%
HSV	183°, 93%, 100%
XYZ	50.3500, 71.4498, 105.7452
YIQ	177.0930, -137.9520, -43.9680

Conversions

Conversions Part 2

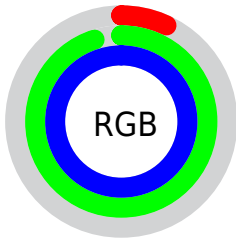
Format	Color
R _Y B	18, 133, 255
Decimal	1242111
CIE Lab	87.70, -42.43, -19.26
CIE LCh	88, 46.596, 204.417
Yxy	71.4498, 0.2213, 0.3140
Android (android.graphics.Color)	4279432191 (0xFF12F3FF)
YUV	177.0930, 38.4082, -139.5246
Hunter-Lab	84.5280, -41.5984, -15.0027

Details

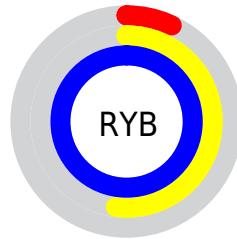
The Hex color **12F3FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF1E12**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **7AFFFF**, and **00BAC6** is the 20% darker color. If you saturate the color by 10%, you get **00F2FF**, and if you desaturate by 10%, it is **2CF4FF**.

Distribution



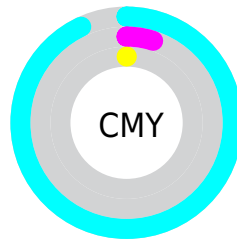
- Red (7%)
- Green (95%)
- Blue (100%)



- Red (7%)
- Yellow (52%)
- Blue (100%)



- Cyan (93%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12F3FF 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 12F3FF by changing the saturation by 10% instead.

 12F3FF

 12F3FF


FFFFFF

 00D6E2

 7AFFFF

 00BAC6

 9DFFFF

 009FAB

 BFFFFF

 008491

 DFFFFF

 006A77

 00515E

 003946

 002430

 00011C

 12F3FF

 12F3FF

 00F2FF

 2CF4FF

 45F6FF

 5FF7FF

 78F8FF

 92F9FF

 ABFBFF

 C5FCFF

 DEFDFE

 F8FFFF

Harmonies

Analogous

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



64F3D2



12F3FF



35EEFF

Triad

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



12F3FF



FFC4FF



FFD683

Complementary

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



12F3FF



FF1E12

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.



FFC795



12F3FF



FFBAE6

Square

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



12F3FF



D5D3FF



FFBBB9



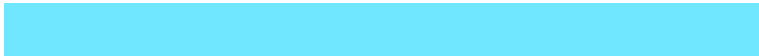
D4E48A

Rectangle

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



12F3FF



70E7FF



FFBBB9



FFD187

Sweetspot

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



12F3FF



B8FBFF



12FF1E



547D80



000000



808080

Same Dimension

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



12F3FF



00F2FF



127DFF



737F80



00B6BF



003D40

Inverse Universe

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



FF12F3



FF00F2



FF9412



80737F



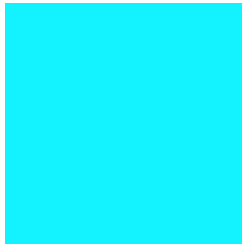
BF00B6



40003D

Previews

White Background



This preview shows how the Hex color 12F3FF looks on a white background.

Color Contrast Check

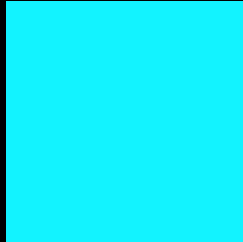
Large Text (above 18pt) WCAG AA × Fail

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 12F3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

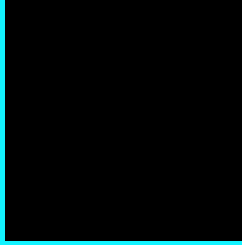
Any Text WCAG AA ✓ Pass

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 12F3FF Background



This preview shows how black text looks on a background with the Hex color 12F3FF.

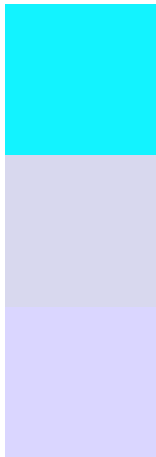


This preview shows how white text looks on a background with the Hex color 12F3FF.

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
12F3FF

Protanopia
D8D8EE

Deuteranopia
DAD6FF

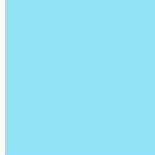


Tritanopia
64EEFF

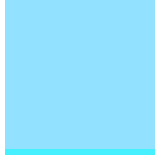
Trichromacy



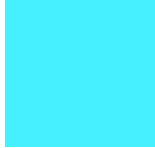
Original Color
12F3FF



Protanomaly
90E2F4



Deuteranomaly
91E1FF

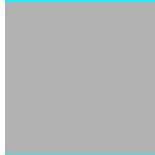


Tritanomaly
46F0FF

Monochromacy



Original Color
12F3FF



Achromatopsia
B1B1B1



Achromatomaly
77C9CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 12F3FF 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 #12F3FF looks like.

```
.text, #text, p{  
    color:#12F3FF  
}
```

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 #12F3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12F3FF
}
```

Border

The CSS property to change the border of an element to Hex 12F3FF 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
#12F3FF }
```

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

```
.border{ border-color:#12F3FF }
```

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

Here you see how a box with a 4 pixel #12F3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12F3FF; -webkit-box-shadow:4px 4px  
4px 4px #12F3FF; box-shadow:4px 4px 4px  
4px #12F3FF }
```

Background

The CSS property to change the background color of an element to Hex 12F3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12F3FF }
```

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

```
.background{ background-color:#12F3FF }
```

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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