

Converting Colors

Hex(12FE88)

Have a look what the booklet for
Hex(12FE88) contains.

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Color

Hex(12FE88)

Conversions

Conversions Part 1

Format	Color
Hex	12FE88
RGB	18, 254, 136
RGB Percent	7%, 100%, 53%
CMY	0.9294, 0.0039, 0.4667
CMYK	0.93, 0.00, 0.46, 0.00
HSL	150°, 99%, 53%
HSV	150°, 93%, 100%
XYZ	40.1352, 72.7898, 35.2270
YIQ	169.9840, -102.7780, -86.7300

Conversions

Conversions Part 2

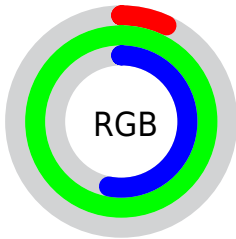
Format	Color
RYB	18, 175, 254
Decimal	1244808
CIELab	88.35, -74.66, 42.61
CIELCh	88, 85.961, 150.285
Yxy	72.7898, 0.2709, 0.4913
Android (android.graphics.Color)	4279434888 (0xFF12FE88)
YUV	169.9840, -16.7541, -133.2900
Hunter-Lab	85.3169, -65.3338, 35.2412

Details

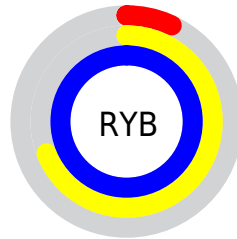
The Hex color **12FE88** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **FE1288**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **76FFBF**, and **00C454** is the 20% darker color. If you saturate the color by 10%, you get **00FE7F**, and if you desaturate by 10%, it is **2BFE95**.

Distribution



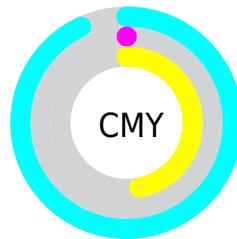
- Red (7%)
- Green (100%)
- Blue (53%)



- Red (7%)
- Yellow (69%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (93%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12FE88 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 12FE88 by changing the saturation by 10% instead.

 12FE88

 12FE88

FFFFFF

 00E16E

 76FFBF

 00C454

 98FFDB

 00A73A

 B9FFF8

 008C20

 DAFFFF

 007100

 FAFFFF

 005600

 003E00

 002400

 000000

 12FE88

 12FE88

 00FE7F

 2BFE95

 45FEA1

 5EFEAE

 78FEBB

 91FEC8

 AAFED4

 C4FEE1

 DDFEEE

 F7FEFA

Harmonies

Analogous

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



B4F13F



12FE88



00FFDC

Triad

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



12FE88



00E7FF



FF9990

Complementary

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



12FE88



FE1288

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.



FF8DE0



12FE88



DDC8FF

Square

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



12FE88



00FBFF



FFA3FF



FFBA4B

Rectangle

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



12FE88



00FFFF



FFA3FF



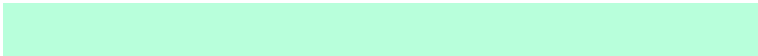
FF91AA

Sweetspot

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



12FE88



B8FFDB



88FE12



54806A



000000



808080

Same Dimension

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



12FE88



00FF80



12FEFE



738079



00BF60



004020

Inverse Universe

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



FE1288



FF0080



FE1212



807379



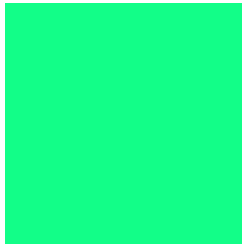
BF0060



400020

Previews

White Background



This preview shows how the Hex color 12FE88 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 12FE88 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 12FE88 Background



This preview shows how black text looks on a background with the Hex color 12FE88.

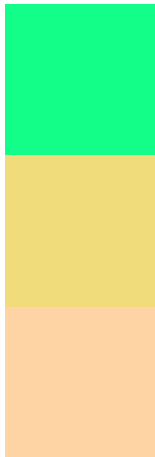


This preview shows how white text looks on a background with the Hex color 12FE88.

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](#).

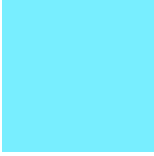
Dichromacy



Original Color
12FE88

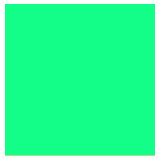
Protanopia
F1DC7B

Deuteranopia
FFD4A4



Tritanopia
78EEFF

Trichromacy



Original Color
12FE88



Protanomaly
A0E880



Deuteranomaly
A9E39A

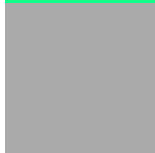


Tritanomaly
53F4D4

Monochromacy



Original Color
12FE88



Achromatopsia
AAAAAA



Achromatomaly
73C99E

CSS Examples

Text

The CSS property to change the color of the text to Hex 12FE88 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 #12FE88 looks like.

```
.text, #text, p{  
    color:#12FE88  
}
```

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 #12FE88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12FE88
}
```

Border

The CSS property to change the border of an element to Hex 12FE88 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
#12FE88 }
```

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

```
.border{ border-color:#12FE88 }
```

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

Here you see how a box with a 4 pixel #12FE88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12FE88; -webkit-box-shadow:4px 4px  
4px 4px #12FE88; box-shadow:4px 4px 4px  
4px #12FE88 }
```

Background

The CSS property to change the background color of an element to Hex 12FE88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12FE88 }
```

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

```
.background{ background-color:#12FE88 }
```

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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