

Converting Colors

Hex(00FE72)

Have a look what the booklet for
Hex(00FE72) contains.

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Color

Hex(00FE72)

Conversions

Conversions Part 1

Format	Color
Hex	00FE72
RGB	0, 254, 114
RGB Percent	0%, 100%, 45%
CMY	1.0000, 0.0039, 0.5529
CMYK	1.00, 0.00, 0.55, 0.00
HSL	147°, 100%, 50%
HSV	147°, 100%, 100%
XYZ	38.4791, 72.0985, 27.8079
YIQ	162.0940, -106.4440, -97.3880

Conversions

Conversions Part 2

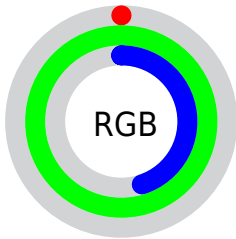
Format	Color
RYB	0, 175, 254
Decimal	65138
CIELab	88.02, -78.46, 52.45
CIELCh	88, 94.375, 146.240
Yxy	72.0985, 0.2781, 0.5210
Android (android.graphics.Color)	4278255218 (0xFF00FE72)
YUV	162.0940, -23.7103, -142.1564
Hunter-Lab	84.9109, -67.7031, 40.0204

Details

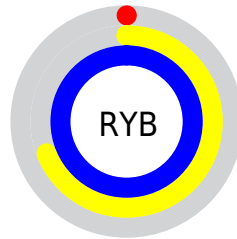
The Hex color **00FE72** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **FE008C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **74FFA9**, and **00C43C** is the 20% darker color. If you saturate the color by 10%, you get **00FE72**, and if you desaturate by 10%, it is **19FE80**.

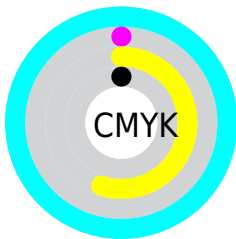
Distribution



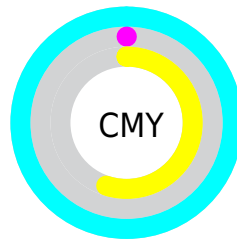
- Red (0%)
- Green (100%)
- Blue (45%)



- Red (0%)
- Yellow (69%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FE72 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 00FE72 by changing the saturation by 10% instead.

 00FE72

FFFFFF


 74FFA9

 97FFC5

 B8FFE2

 D8FFF5

 F8FFF5

 00FE72

 00E057

 00C43C

 00A71F

 008B00

 007000

 005600

 003D00

 002300

 000000

 00FE72

 19FE80

 33FE8E

 4CFE9C

 66FEAA

 7FFE88

 98FEC6

 B2FED4

 CBFEE2

 E5FEF0

Harmonies

Analogous

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



BAEFOC



00FE72



00FFCE

Triad

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



00FE72



00EBFF



FF8993

Complementary

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



00FE72



FE008C

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.



FF7FEC



00FE72



C3CAFF

Square

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



00FE72



00FEFF



FF9FFF



FFB042

Rectangle

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



00FE72



00FFFF



FF9FFF



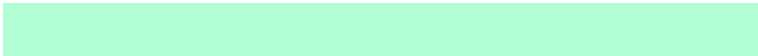
FF81B0

Sweetspot

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



00FE72



B3FFD5



90FE00



528066



000000



808080

Same Dimension

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



00FE72



00FF72



00FEED



738078



00BF56



00401D

Inverse Universe

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



FE008C



FF008D



FE0011



80737A



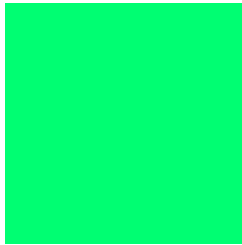
BF0069



400023

Previews

White Background



This preview shows how the Hex color 00FE72 looks on a white background.

Color Contrast Check

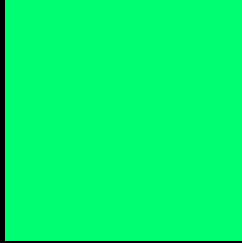
Large Text (above 18pt) WCAG AA × Fail

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 00FE72 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 00FE72 Background



This preview shows how black text looks on a background with the Hex color 00FE72.

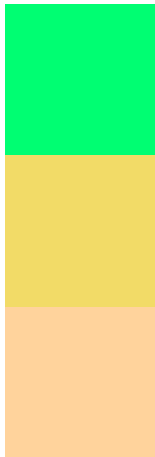


This preview shows how white text looks on a background with the Hex color 00FE72.

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](#).

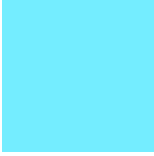
Dichromacy



Original Color
00FE72

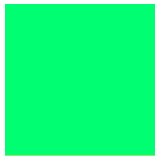
Protanopia
F2DB67

Deuteranopia
FFD39C



Tritanopia
74EDFF

Trichromacy



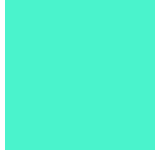
Original Color
00FE72



Protanomaly
9AE86B



Deuteranomaly
A2E38D



Tritanomaly
4AF3CC

Monochromacy



Original Color
00FE72



Achromatopsia
A2A2A2



Achromatomaly
67C391

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FE72 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 #00FE72 looks like.

```
.text, #text, p{  
    color:#00FE72  
}
```

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 #00FE72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FE72
}
```

Border

The CSS property to change the border of an element to Hex 00FE72 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
#00FE72 }
```

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

```
.border{ border-color:#00FE72 }
```

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

Here you see how a box with a 4 pixel #00FE72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FE72; -webkit-box-shadow:4px 4px  
4px 4px #00FE72; box-shadow:4px 4px 4px  
4px #00FE72 }
```

Background

The CSS property to change the background color of an element to Hex 00FE72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FE72 }
```

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

```
.background{ background-color:#00FE72 }
```

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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