

Converting Colors

Hex(47FE82)

Have a look what the booklet for
Hex(47FE82) contains.

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Color

Hex(47FE82)

Conversions

Conversions Part 1

Format	Color
Hex	47FE82
RGB	71, 254, 130
RGB Percent	28%, 100%, 51%
CMY	0.7216, 0.0039, 0.4902
CMYK	0.72, 0.00, 0.49, 0.00
HSL	139°, 99%, 64%
HSV	139°, 72%, 100%
XYZ	42.0696, 73.8349, 33.1534
YIQ	185.1470, -69.2640, -77.3600

Conversions

Conversions Part 2

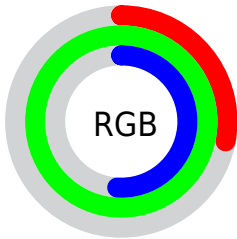
Format	Color
RYB	71, 209, 254
Decimal	4718210
CIELab	88.84, -70.87, 46.22
CIELCh	89, 84.605, 146.890
Yxy	73.8349, 0.2822, 0.4953
Android (android.graphics.Color)	4282908290 (0xFF47FE82)
YUV	185.1470, -27.1875, -100.1069
Hunter-Lab	85.9272, -62.9799, 37.2732

Details

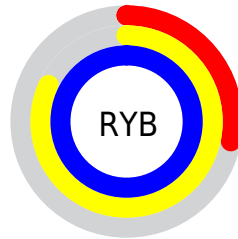
The Hex color **47FE82** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FE47C3**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **8EFFB9**, and **00C44D** is the 20% darker color. If you saturate the color by 10%, you get **2EFE71**, and if you desaturate by 10%, it is **60FE93**.

Distribution



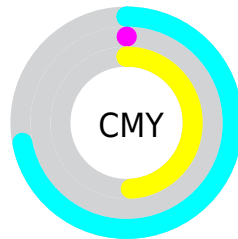
- Red (28%)
- Green (100%)
- Blue (51%)



- Red (28%)
- Yellow (82%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47FE82 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 47FE82 by changing the saturation by 10% instead.

 47FE82

 47FE82

FFFFFF

 04E168

 8EFFB9

 00C44D

 AEFFD5

 00A833

 CDFFF2

 008C17

 EDFFFF

 007100

 005700

 003E00

 002500

 000000

 47FE82

 47FE82

 2EFE71

 60FE93

 14FE60

 7AFEA4

 00FE52

 93FEB6

 ADFEC7

 C6FED8

 DFFEE9

 F9FEFA

FFFEFF

Harmonies

Analogous

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



C0F03D



47FE82



00FFD4

Triad

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



47FE82



00EBFF



FF999B

Complementary

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



47FE82



FE47C3

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.



FF91EB



47FE82



CFCDFE

Square

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



47FE82



00DFF



FFA9FF



FFB856

Rectangle

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



47FE82



00FFFF



FFA9FF



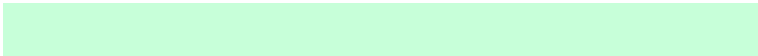
FF93B5

Sweetspot

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



47FE82



C7FFD9



C4FE47



5E8069



000000



808080

Same Dimension

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



47FE82



24FF6A



47FEDC



738077



00BF3E



004015

Inverse Universe

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



FE47C3



FF24B8



FE4769



80737B



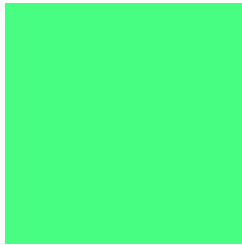
BF0082



40002B

Previews

White Background



This preview shows how the Hex color 47FE82 looks on a white background.

Color Contrast Check

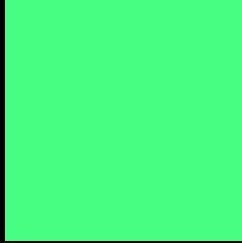
Large Text (above 18pt) WCAG AA × Fail

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 47FE82 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 47FE82 Background



This preview shows how black text looks on a background with the Hex color 47FE82.

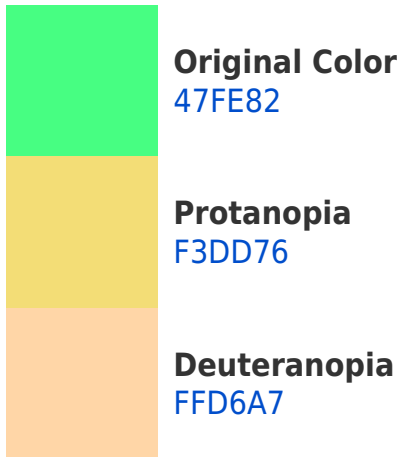


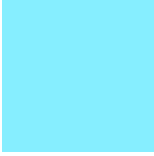
This preview shows how white text looks on a background with the Hex color 47FE82.

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





Tritanopia
86EEFF

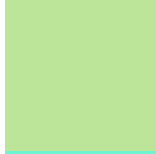
Trichromacy



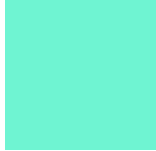
Original Color
47FE82



Protanomaly
B4E97A

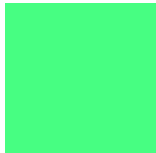


Deuteranomaly
BCE59A

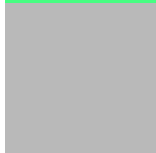


Tritanomaly
6FF4D2

Monochromacy



Original Color
47FE82



Achromatopsia
B9B9B9



Achromatomaly
90D2A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 47FE82 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 #47FE82 looks like.

```
.text, #text, p{  
    color:#47FE82  
}
```

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 #47FE82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47FE82
}
```

Border

The CSS property to change the border of an element to Hex 47FE82 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
#47FE82 }
```

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

```
.border{ border-color:#47FE82 }
```

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

Here you see how a box with a 4 pixel #47FE82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47FE82; -webkit-box-shadow:4px 4px  
4px 4px #47FE82; box-shadow:4px 4px 4px  
4px #47FE82 }
```

Background

The CSS property to change the background color of an element to Hex 47FE82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47FE82 }
```

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

```
.background{ background-color:#47FE82 }
```

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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