

# Converting Colors

Hex(4FE280)

Have a look what the booklet for  
Hex(4FE280) contains.

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# **Color**

**Hex(4FE280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FE280
RGB	79, 226, 128
RGB Percent	31%, 89%, 50%
CMY	0.6902, 0.1137, 0.4980
CMYK	0.65, 0.00, 0.43, 0.11
HSL	140°, 72%, 60%
HSV	140°, 65%, 89%
XYZ	34.3171, 57.6135, 29.7339
YIQ	170.8750, -56.1540, -61.6420

# Conversions

## Conversions Part 2

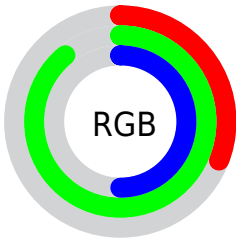
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 189, 226
Decimal	5235328
CIELab	80.52, -60.01, 36.66
CIELCh	81, 70.326, 148.578
Yxy	57.6135, 0.2821, 0.4735
Android (android.graphics.Color)	4283425408 (0xFF4FE280)
YUV	170.8750, -21.1374, -80.5744
Hunter-Lab	75.9036, -52.1288, 29.9067

# Details

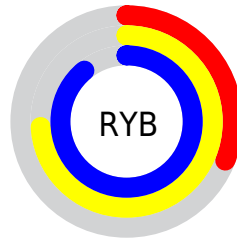
The Hex color **4FE280** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E24FB1**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8EFFB6**, and **00A94D** is the 20% darker color. If you saturate the color by 10%, you get **38E271**, and if you desaturate by 10%, it is **66E28F**.

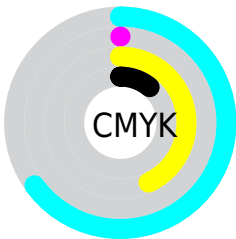
# Distribution



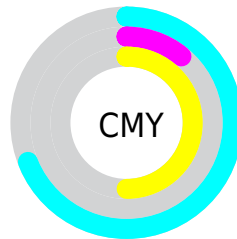
- Red (31%)
- Green (89%)
- Blue (50%)



- Red (31%)
- Yellow (74%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FE280 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 4FE280 by changing the saturation by 10% instead.



 4FE280

 4FE280

FFFFFF

 27C566

 8EFFB6

 00A94D

 ADFFD2

 008E34

 CBFEE

 00731C

 EAFFFF

 005900

 004000

 002900

 000400

 000000

 4FE280

 4FE280

 38E271

 66E28F

 22E262

 7CE29E

 0BE253

 93E2AD

 00E24B

 A9E2BC

 C0E2CB

 D7E2DA

 EDE2E9

 FFE2F9

 FFE2FF

# Harmonies

## Analogous

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



ACD64B



4FE280



00E7C2

# Triad

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



4FE280



00D0FF



FF938D

# Complementary

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



4FE280



E24FB1

# 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.



FF8BCE



4FE280



C4B8FF

# Square

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



4FE280



00E0FF



FF9CFF



FFAA57

# Rectangle

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



4FE280



00E8F0



FF9CFF



FF8EA2

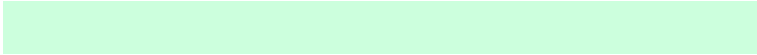


# Sweetspot

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



4FE280



CCFFDD



B1E24F



61806B



000000



808080



# Same Dimension

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



4FE280



38FF7A



4FE2C9



657069



00B03B



003010



# Inverse Universe

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



E24FB1



FF38BD



E24F68



70656C



B00075

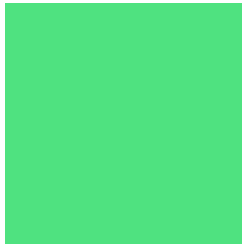


300020



# Previews

## White Background



This preview shows how the Hex color 4FE280 looks on a white background.

## Color Contrast Check

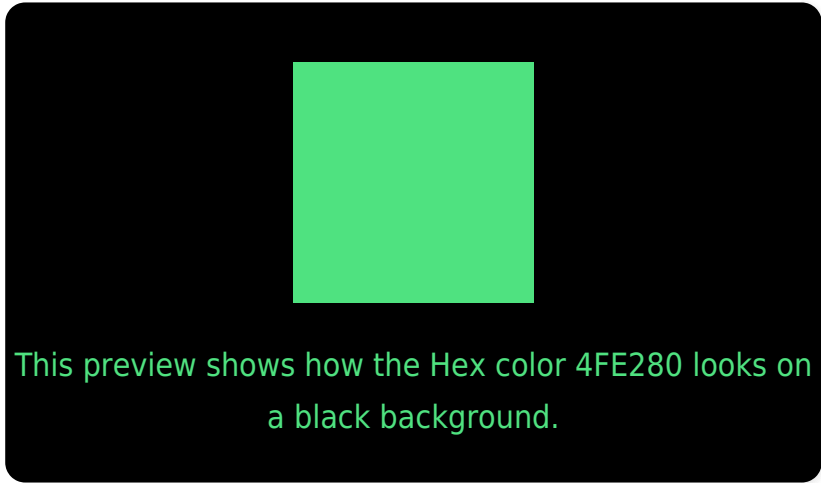
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

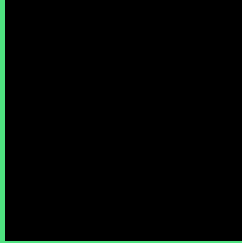
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FE280 Background



This preview shows how black text looks on a background with the Hex color 4FE280.

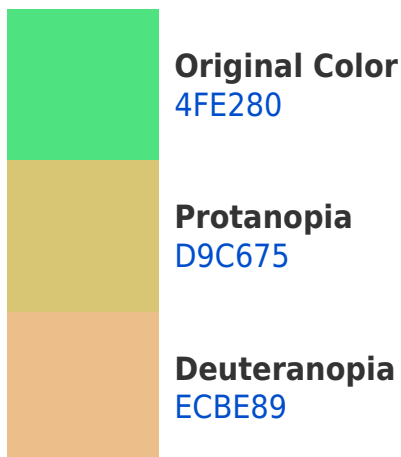


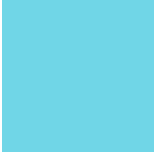
This preview shows how white text looks on a background with the Hex color 4FE280.

# 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**  
70D6E7

# Trichromacy



**Original Color**  
4FE280



**Protanomaly**  
A7D079



**Deuteranomaly**  
B3CB86



**Tritanomaly**  
64DAC2

# Monochromacy



**Original Color**  
4FE280



**Achromatopsia**  
ABABAB



**Achromatomaly**  
8ABF9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FE280 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 #4FE280 looks like.

```
.text, #text, p{  
    color:#4FE280  
}
```

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 #4FE280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FE280
}
```

## Border

The CSS property to change the border of an element to Hex 4FE280 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
#4FE280 }
```

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

```
.border{ border-color:#4FE280 }
```

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

Here you see how a box with a 4 pixel #4FE280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FE280; -webkit-box-shadow:4px 4px  
4px 4px #4FE280; box-shadow:4px 4px 4px  
4px #4FE280 }
```

# Background

The CSS property to change the background color of an element to Hex 4FE280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FE280 }
```

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

```
.background{ background-color:#4FE280 }
```

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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