

# Converting Colors

Hex(4FE396)

Have a look what the booklet for  
Hex(4FE396) contains.

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# Color

**Hex(4FE396)**

# Conversions

Conversions Part 1	
Format	Color
Hex	4FE396
RGB	79, 227, 150
RGB Percent	31%, 89%, 59%
CMY	0.6902, 0.1098, 0.4118
CMYK	0.65, 0.00, 0.34, 0.11
HSL	149°, 73%, 60%
HSV	149°, 65%, 89%
XYZ	36.1986, 58.8024, 38.2963
YIQ	173.9700, -63.4910, -55.3230

# Conversions

## Conversions Part 2

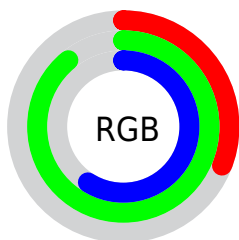
Format	Color
<a href="#">RYB</a>	<a href="#">79, 179, 227</a>
Decimal	<a href="#">5235606</a>
CIELab	<a href="#">81.18, -56.46, 26.38</a>
CIELCh	<a href="#">81, 62.323, 154.958</a>
Yxy	<a href="#">58.8024, 0.2716, 0.4411</a>
Android (android.graphics.Color)	<a href="#">4283425686</a> (0xFF4FE396)
YUV	<a href="#">173.9700, -11.8172, -83.2887</a>
Hunter-Lab	<a href="#">76.6828, -49.9328, 24.0678</a>

# Details

The Hex color **4FE396** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E34F9C**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8EFFCD**, and **00AA63** is the 20% darker color. If you saturate the color by 10%, you get **38E38A**, and if you desaturate by 10%, it is **66E3A2**.

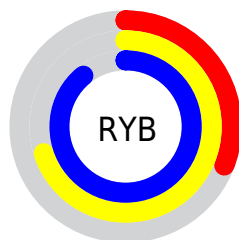
# Distribution



Red (31%)

Green (89%)

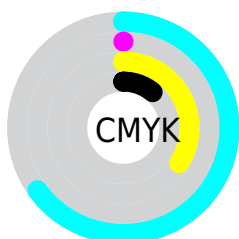
Blue (59%)



Red (31%)

Yellow (70%)

Blue (89%)

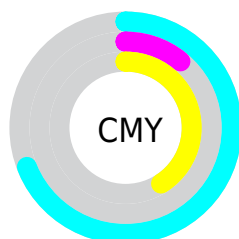


Cyan (65%)

Magenta (0%)

Yellow (34%)

Black (11%)



Cyan (69%)

Magenta (11%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FE396 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 4FE396 by changing the saturation by 10% instead.





4FE396



4FE396

FFFFFF



27C67C



8EFFCD



00AA63



ADFFE9



008F4A



CBFFFF



007533



EAffff



005B1C



004204



002B00



000800



000000

 4FE396

 4FE396

 38E38A

 66E3A2

 22E37E

 7CE3AE

 0BE373

 93E3B9

 00E36D

 AAE3C5

 C1E3D1

 D7E3DD

 EEE3E9

 FFE3F4

 FFE3FF

# Harmonies

## Analogous

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



A5D965



4FE396



00E7D2

# Triad

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



4FE396



6ECDFF



FFA08A

# Complementary

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



4FE396



E34F9C

# 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.



FF97C2



4FE396



DAB6FF

# Square

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



4FE396



00DDFF



FFA0FC



FFB55F

# Rectangle

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



4FE396



00E6F9



FFA0FC



FF9B9C

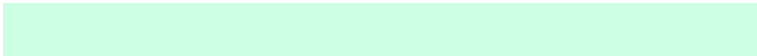


# Sweetspot

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



4FE396



CCFFE4



9EE34F



618070



000000



808080



# Same Dimension

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



4FE396



38FF98



4FE3DE



67736D



00B356



003318



# Inverse Universe

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



E34F9C



FF38A0



E34F54



73676D



B3005D

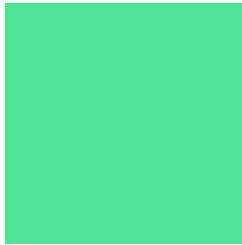


33001B



# Previews

## White Background



This preview shows how the Hex color 4FE396 looks on a white background.

## Color Contrast Check

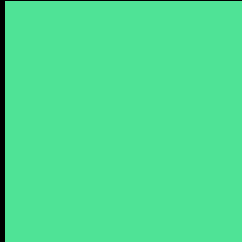
Large Text (above 18pt) WCAG AA × Fail

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 4FE396 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 4FE396 Background



This preview shows how black text looks on a background with the Hex color 4FE396.



This preview shows how white text looks on a background with the Hex color 4FE396.

# 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](#).

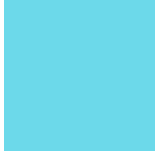
## Dichromacy



**Original Color**  
4FE396

**Protanopia**  
D8C88A

**Deuteranopia**  
EAC09E



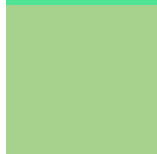
**Tritanopia**  
6CD9EA

# Trichromacy



**Original Color**

4FE396



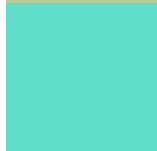
**Protanomaly**

A6D28E



**Deuteranomaly**

B2CD9B



**Tritanomaly**

61DDCB

# Monochromacy



**Original Color**

4FE396



**Achromatopsia**

AEAEAE



**Achromatomaly**

8BC1A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FE396 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 #4FE396 looks like.

```
.text, #text, p{  
    color:#4FE396  
}
```

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 #4FE396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FE396
}
```

## Border

The CSS property to change the border of an element to Hex 4FE396 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
#4FE396 }
```

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

```
.border{ border-color:#4FE396 }
```

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

Here you see how a box with a 4 pixel #4FE396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FE396; -webkit-box-shadow:4px 4px  
4px 4px #4FE396; box-shadow:4px 4px 4px  
4px #4FE396 }
```

# Background

The CSS property to change the background color of an element to Hex 4FE396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FE396 }
```

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

```
.background{ background-color:#4FE396 }
```

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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