

# Converting Colors

Hex(4EB47F)

Have a look what the booklet for  
Hex(4EB47F) contains.

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# **Color**

**Hex(4EB47F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EB47F
RGB	78, 180, 127
RGB Percent	31%, 71%, 50%
CMY	0.6941, 0.2941, 0.5020
CMYK	0.57, 0.00, 0.29, 0.29
HSL	149°, 40%, 51%
HSV	149°, 57%, 71%
XYZ	23.2939, 35.7945, 25.7600
YIQ	143.4600, -43.7790, -38.1070

# Conversions

## Conversions Part 2

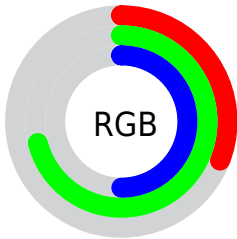
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 147, 180
Decimal	5158015
CIELab	66.36, -42.11, 18.31
CIELCh	66, 45.919, 156.504
Yxy	35.7945, 0.2745, 0.4219
Android (android.graphics.Color)	4283348095 (0xFF4EB47F)
YUV	143.4600, -8.1148, -57.4084
Hunter-Lab	59.8285, -35.2019, 16.3518

# Details

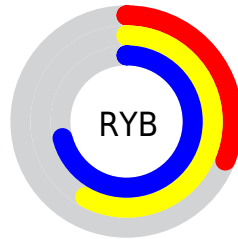
The Hex color **4EB47F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B44E83**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **87EDB4**, and **007E4E** is the 20% darker color. If you saturate the color by 10%, you get **3CB476**, and if you desaturate by 10%, it is **60B488**.

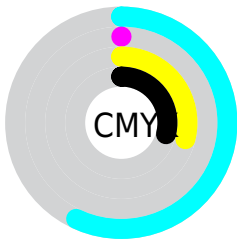
# Distribution



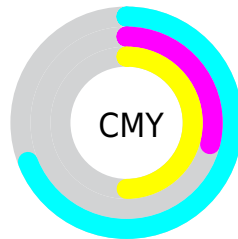
- Red (31%)
- Green (71%)
- Blue (50%)



- Red (31%)
- Yellow (58%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)



- Cyan (69%)
- Magenta (29%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EB47F 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 4EB47F by changing the saturation by 10% instead.





4EB47F



4EB47F

FFFFFF



2F9966



87EDB4



007E4E



A3FFD0



006536



C0FFEC



004C21



DDFFFF



00340B



FBFFFF



001E00



000000



4EB47F



4EB47F



3CB476



60B488

 2AB46C

 72B492

 18B463

 84B49B

 06B45A

 96B4A4

 00B456

 A8B4AE

 BAB4B7

 CCB4C0

 DEB4CA

 F0B4D3

# Harmonies

## Analogous

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



86AD5D



4EB47F



00B7A9

# Triad

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



4EB47F



6DA3F3



EB8572

# Complementary

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



4EB47F



B44E83

# 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.



EF7F9A



4EB47F



B193E4

# Square

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



4EB47F



00AEEC



DC85C3



D59356

# Rectangle

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



4EB47F



00B6C5



DC85C3



EF827F



# Sweetspot

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



4EB47F



C3EBD6



84B44E



5E7569



F5F5F5



757575



# Same Dimension

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



4EB47F



4BEB98



4EB4B1



505955



00994A



001A0C



# Inverse Universe

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



B44E83



EB4B9E



B44E51



595055



99004F



1A000D



# Previews

## White Background



This preview shows how the Hex color 4EB47F looks on a white background.

## Color Contrast Check

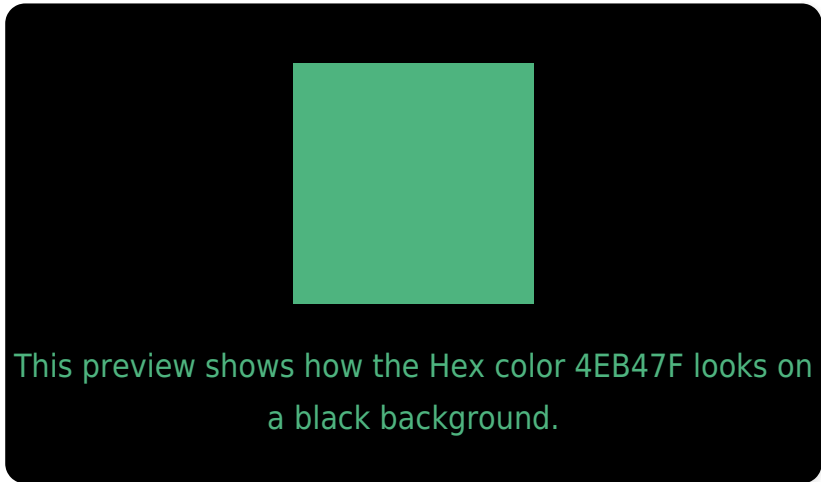
Large Text (above 18pt) WCAG AA × Fail

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 4EB47F Background



This preview shows how black text looks on a background with the Hex color 4EB47F.

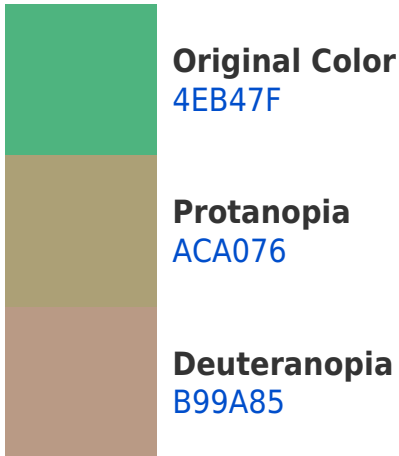


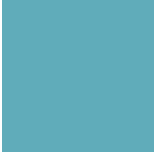
This preview shows how white text looks on a background with the Hex color 4EB47F.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EB47F 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 #4EB47F looks like.

```
.text, #text, p{  
    color:#4EB47F  
}
```

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 #4EB47F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB47F
}
```

## Border

The CSS property to change the border of an element to Hex 4EB47F 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
#4EB47F }
```

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

```
.border{ border-color:#4EB47F }
```

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

Here you see how a box with a 4 pixel #4EB47F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB47F; -webkit-box-shadow:4px 4px  
4px 4px #4EB47F; box-shadow:4px 4px 4px  
4px #4EB47F }
```

# Background

The CSS property to change the background color of an element to Hex 4EB47F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB47F }
```

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

```
.background{ background-color:#4EB47F }
```

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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