

Converting Colors

Hex(4EBE86)

Have a look what the booklet for
Hex(4EBE86) contains.

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Color

Hex(4EBE86)

Conversions

Conversions Part 1

Format	Color
Hex	4EBE86
RGB	78, 190, 134
RGB Percent	31%, 75%, 53%
CMY	0.6941, 0.2549, 0.4745
CMYK	0.59, 0.00, 0.29, 0.25
HSL	150°, 46%, 53%
HSV	150°, 59%, 75%
XYZ	25.8584, 40.1678, 28.9445
YIQ	150.1280, -48.7760, -41.1600

Conversions

Conversions Part 2

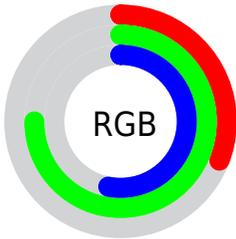
Format	Color
RYB	78, 153, 190
Decimal	5160582
CIELab	69.59, -44.93, 18.97
CIElCh	70, 48.773, 157.112
Yxy	40.1678, 0.2723, 0.4229
Android (android.graphics.Color)	4283350662 (0xFF4EBE86)
YUV	150.1280, -7.9511, -63.2563
Hunter-Lab	63.3781, -38.0833, 17.2872

Details

The Hex color **4EBE86** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BE4E86**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **88F7BB**, and **008854** is the 20% darker color. If you saturate the color by 10%, you get **3BBE7C**, and if you desaturate by 10%, it is **61BE90**.

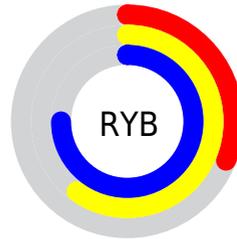
Distribution



Red (31%)

Green (75%)

Blue (53%)



Red (31%)

Yellow (60%)

Blue (75%)

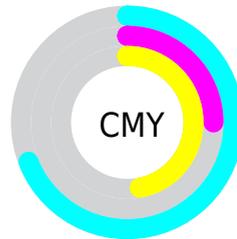


Cyan (59%)

Magenta (0%)

Yellow (29%)

Black (25%)



Cyan (69%)

Magenta (25%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EBE86 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 4EBE86 by changing the saturation by 10% instead.

 4EBE86

 4EBE86

FFFFFF

 2EA26D

 88F7BB

 008854

 A5FFD7

 006E3D

 C2FFF4

 005426

 E0FFFF

 003C11

 F0FFFF

 002700

 000000

 4EBE86

 4EBE86

 3BBE7C

 61BE90

 28BE73

 74BE99

 15BE6A

 87BEA3

 02BE60

 9ABEAC

 00BE5F

 ADBEB6

 C0BEBF

 D3BEC9

 E6BED2

 F9BEDC

Harmonies

Analogous

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



8BB761



4EBE86



00C1B3

Triad

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



4EBE86



73ABFF



F88C77

Complementary

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



4EBE86



BE4E86

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.



FD85A1



4EBE86



BC9AF1

Square

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



4EBE86



00B8FB



E98BCD



E09B58

Rectangle

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



4EBE86



00C0D1



E98BCD



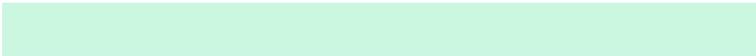
FC8884

Sweetspot

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



4EBE86



CBF7E1



86BE4E



617D6F



FCFCFC



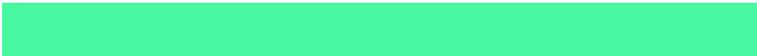
7D7D7D

Same Dimension

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



4EBE86



48F7A0



4EBEBE



555E5A



009E4F



001F0F

Inverse Universe

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



BE4E86



F748A0



BE4E4E



5E555A



9E004F



1F000F

Previews

White Background



This preview shows how the Hex color 4EBE86 looks on a white background.

Color Contrast Check

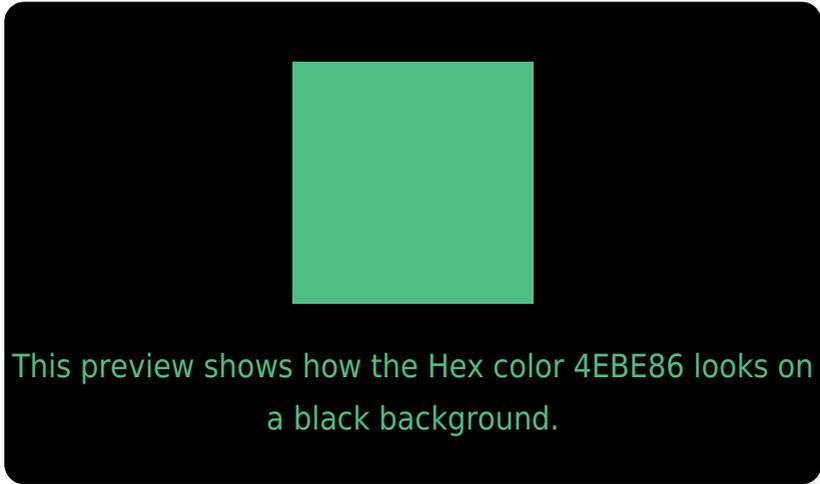
Large Text (above 18pt) WCAG AA × Fail

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

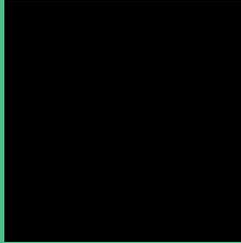
Any Text WCAG AA ✓ Pass

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 4EBE86 Background



This preview shows how black text looks on a background with the Hex color 4EBE86.



This preview shows how white text looks on a background with the Hex color 4EBE86.

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](#).

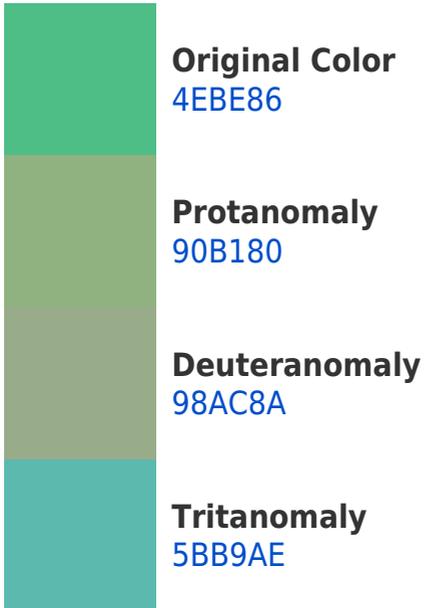
Dichromacy



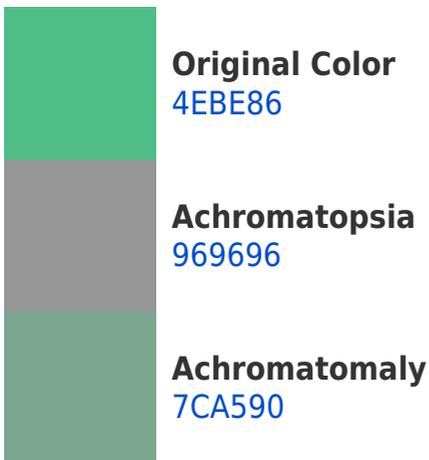


Tritanopia
62B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EBE86 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 #4EBE86 looks like.

```
.text, #text, p{  
    color:#4EBE86  
}
```

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 #4EBE86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EBE86
}
```

Border

The CSS property to change the border of an element to Hex 4EBE86 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
#4EBE86 }
```

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

```
.border{ border-color:#4EBE86 }
```

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

Here you see how a box with a 4 pixel #4EBE86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EBE86; -webkit-box-shadow:4px 4px  
4px 4px #4EBE86; box-shadow:4px 4px 4px  
4px #4EBE86 }
```

Background

The CSS property to change the background color of an element to Hex 4EBE86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBE86 }
```

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

```
.background{ background-color:#4EBE86 }
```

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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