

# Converting Colors

Hex(4EB581)

Have a look what the booklet for  
Hex(4EB581) contains.

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# **Color**

**Hex(4EB581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EB581
RGB	78, 181, 129
RGB Percent	31%, 71%, 51%
CMY	0.6941, 0.2902, 0.4941
CMYK	0.57, 0.00, 0.29, 0.29
HSL	150°, 41%, 51%
HSV	150°, 57%, 71%
XYZ	23.6282, 36.2524, 26.5210
YIQ	144.2750, -44.6960, -38.0080

# Conversions

## Conversions Part 2

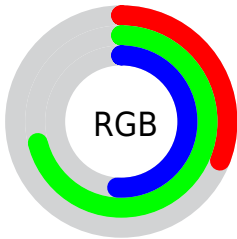
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 147, 181
Decimal	5158273
CIELab	66.71, -42.13, 17.70
CIElCh	67, 45.699, 157.206
Yxy	36.2524, 0.2735, 0.4196
Android (android.graphics.Color)	4283348353 (0xFF4EB581)
YUV	144.2750, -7.5306, -58.1232
Hunter-Lab	60.2100, -35.3187, 16.0313

# Details

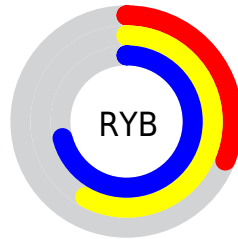
The Hex color **4EB581** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B54E82**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **87EEB6**, and **007F4F** is the 20% darker color. If you saturate the color by 10%, you get **3CB578**, and if you desaturate by 10%, it is **60B58A**.

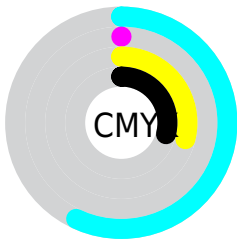
# Distribution



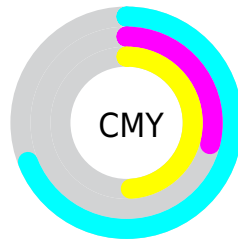
- Red (31%)
- Green (71%)
- Blue (51%)



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



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



- Cyan (69%)
- Magenta (29%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EB581 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 4EB581 by changing the saturation by 10% instead.





4EB581



4EB581

FFFFFF



2F9A68



87EEB6



007F4F



A3FFD2



006638



C0FFEE



004D22



DDFFFF



00350D



FBFFFF



001F00



000000



4EB581



4EB581



3CB578



60B58A

 2AB56F

 72B593

 18B566

 84B59C

 06B55C

 96B5A6

 00B55A

 A9B5AF

 BBB5B8

 CDB5C1

 DFB5CA

 F1B5D3

# Harmonies

## Analogous

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



86AE5F



4EB581



00B8AB

# Triad

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



4EB581



70A3F4



EB8773

# Complementary

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



4EB581



B54E82

# 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.



F0809A



4EB581



B394E4

# Square

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



4EB581



00AFED



DD86C3



D59556

# Rectangle

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



4EB581



00B7C7



DD86C3



EF837F



# Sweetspot

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



4EB581



C3EBD6



83B54E



5E7569



F5F5F5



757575



# Same Dimension

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



4EB581



4BEB9A



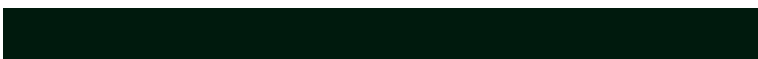
4EB5B3



505955



00994C



001A0D



# Inverse Universe

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



B54E82



EB4B9C



B54E50



595055



99004D



1A000D



# Previews

## White Background



This preview shows how the Hex color 4EB581 looks on a white background.

## Color Contrast Check

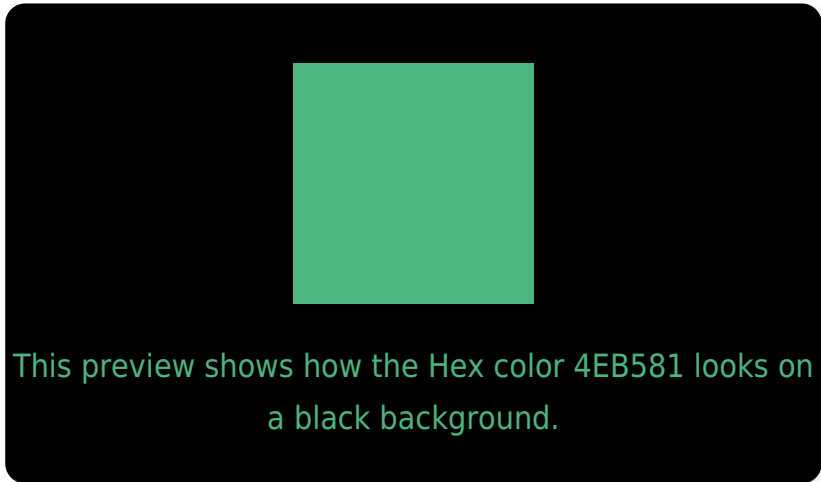
Large Text (above 18pt) WCAG AA × Fail

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 4EB581 Background



This preview shows how black text looks on a background with the Hex color 4EB581.

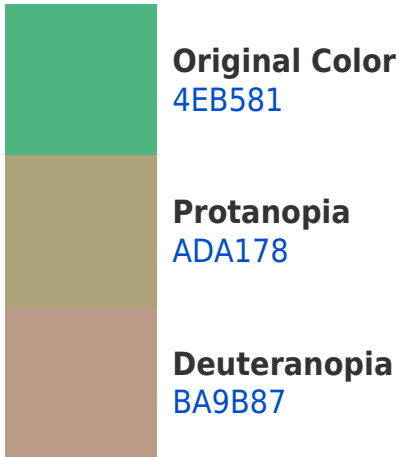


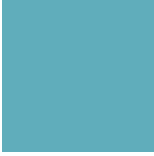
This preview shows how white text looks on a background with the Hex color 4EB581.

# 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**  
60ADBB

# Trichromacy



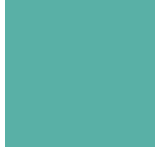
**Original Color**  
4EB581



**Protanomaly**  
8AA87B



**Deuteranomaly**  
93A485



**Tritanomaly**  
59B0A6

# Monochromacy



**Original Color**  
4EB581



**Achromatopsia**  
909090



**Achromatomaly**  
789D8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EB581 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 #4EB581 looks like.

```
.text, #text, p{  
    color:#4EB581  
}
```

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 #4EB581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB581
}
```

## Border

The CSS property to change the border of an element to Hex 4EB581 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
#4EB581 }
```

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

```
.border{ border-color:#4EB581 }
```

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

Here you see how a box with a 4 pixel #4EB581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB581; -webkit-box-shadow:4px 4px  
4px 4px #4EB581; box-shadow:4px 4px 4px  
4px #4EB581 }
```

# Background

The CSS property to change the background color of an element to Hex 4EB581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB581 }
```

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

```
.background{ background-color:#4EB581 }
```

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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