

Converting Colors

Hex(4EB682)

Have a look what the booklet for
Hex(4EB682) contains.

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Color

Hex(4EB682)

Conversions

Conversions Part 1

Format	Color
Hex	4EB682
RGB	78, 182, 130
RGB Percent	31%, 71%, 51%
CMY	0.6941, 0.2863, 0.4902
CMYK	0.57, 0.00, 0.29, 0.29
HSL	150°, 42%, 51%
HSV	150°, 57%, 71%
XYZ	23.8991, 36.6873, 26.9408
YIQ	144.9760, -45.2920, -38.2200

Conversions

Conversions Part 2

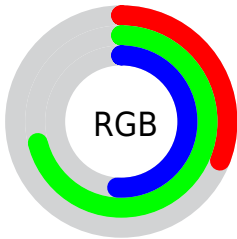
Format	Color
RYB	78, 147, 182
Decimal	5158530
CIELab	67.04, -42.35, 17.62
CIELCh	67, 45.870, 157.415
Yxy	36.6873, 0.2730, 0.4192
Android (android.graphics.Color)	4283348610 (0xFF4EB682)
YUV	144.9760, -7.3832, -58.7380
Hunter-Lab	60.5700, -35.5669, 16.0275

Details

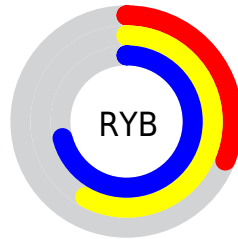
The Hex color **4EB682** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B64E82**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **87EFB7**, and **008050** is the 20% darker color. If you saturate the color by 10%, you get **3CB679**, and if you desaturate by 10%, it is **60B68B**.

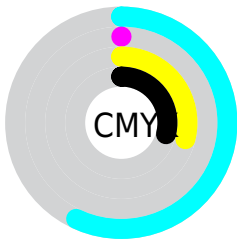
Distribution



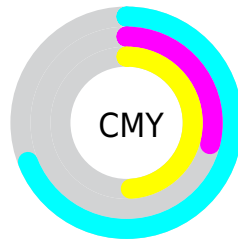
- Red (31%)
- Green (71%)
- Blue (51%)



- 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 4EB682 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 4EB682 by changing the saturation by 10% instead.

 4EB682

 4EB682


FFFFFF

 2F9B69


 87EFB7

 008050

 A4FFD3

 006639

 C0FFE9

 004E23

 DEFFFF

 00360E

 FBFFFF

 002000

 000000

 4EB682

 4EB682

 3CB679

 60B68B

 2AB670

 72B694

 17B667

 85B69D

 05B65E

 97B6A6

 00B65B

 A9B6B0

 BBB6B9

 CDB6C2

 E0B6CB

 F2B6D4

Harmonies

Analogous

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



86AF5F



4EB682



00B8AC

Triad

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



4EB682



72A4F5



ED8873

Complementary

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



4EB682



B64E82

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.



F1819A



4EB682



B494E5

Square

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



4EB682



00B0EF



DF86C4



D69657

Rectangle

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



4EB682



00B8C8



DF86C4



F0847F

Sweetspot

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



4EB682



C5EDD9



82B64E



60786C



F7F7F7



787878

Same Dimension

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



4EB682



4AED9B



4EB6B6



535C57



009C4E



001C0E

Inverse Universe

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



B64E82



ED4A9B



B64E4E



5C5357



9C004E



1C000E

Previews

White Background



This preview shows how the Hex color 4EB682 looks on a white background.

Color Contrast Check

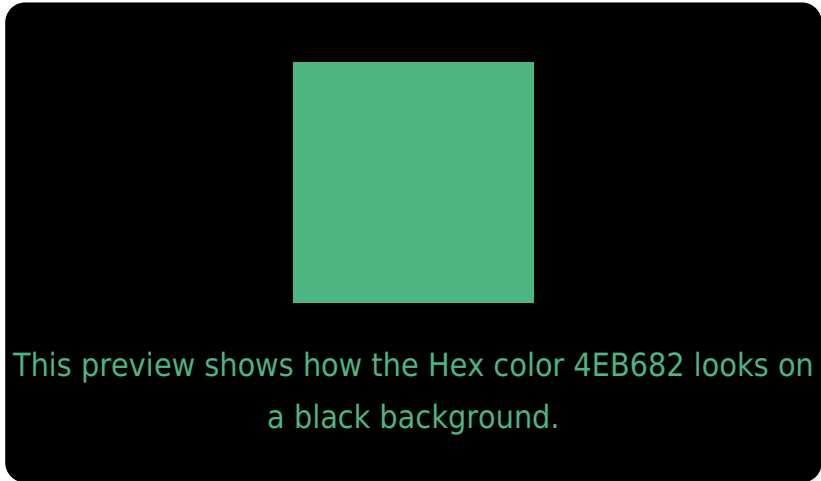
Large Text (above 18pt) WCAG AA × Fail

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

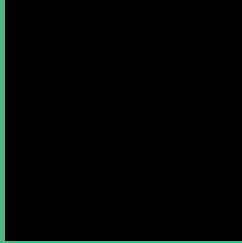
Any Text WCAG AA ✓ Pass

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 4EB682 Background



This preview shows how black text looks on a background with the Hex color 4EB682.



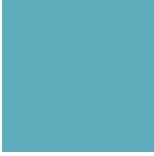
This preview shows how white text looks on a background with the Hex color 4EB682.

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
60AEBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB682 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 #4EB682 looks like.

```
.text, #text, p{  
    color:#4EB682  
}
```

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 #4EB682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB682
}
```

Border

The CSS property to change the border of an element to Hex 4EB682 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
#4EB682 }
```

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

```
.border{ border-color:#4EB682 }
```

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

Here you see how a box with a 4 pixel #4EB682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB682; -webkit-box-shadow:4px 4px  
4px 4px #4EB682; box-shadow:4px 4px 4px  
4px #4EB682 }
```

Background

The CSS property to change the background color of an element to Hex 4EB682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB682 }
```

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

```
.background{ background-color:#4EB682 }
```

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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