

Converting Colors

Hex(4EB07D)

Have a look what the booklet for
Hex(4EB07D) contains.

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Color

Hex(4EB07D)

Conversions

Conversions Part 1

Format	Color
Hex	4EB07D
RGB	78, 176, 125
RGB Percent	31%, 69%, 49%
CMY	0.6941, 0.3098, 0.5098
CMYK	0.56, 0.00, 0.29, 0.31
HSL	149°, 39%, 50%
HSV	149°, 56%, 69%
XYZ	22.3689, 34.1510, 24.8149
YIQ	140.8840, -42.0370, -36.6370

Conversions

Conversions Part 2

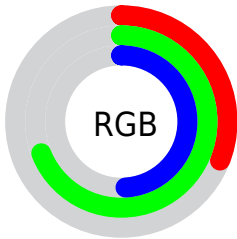
Format	Color
RYB	78, 144, 176
Decimal	5156989
CIELab	65.08, -40.79, 17.63
CIELCh	65, 44.439, 156.624
Yxy	34.1510, 0.2750, 0.4199
Android (android.graphics.Color)	4283347069 (0xFF4EB07D)
YUV	140.8840, -7.8308, -55.1493
Hunter-Lab	58.4389, -33.9429, 15.7309

Details

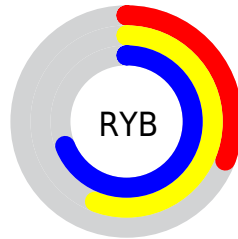
The Hex color **4EB07D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B04E81**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **86E8B2**, and **047B4C** is the 20% darker color. If you saturate the color by 10%, you get **3CB074**, and if you desaturate by 10%, it is **60B086**.

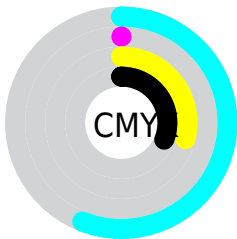
Distribution



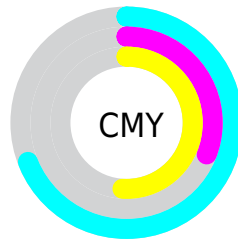
- Red (31%)
- Green (69%)
- Blue (49%)



- Red (31%)
- Yellow (56%)
- Blue (69%)



- Cyan (56%)
- Magenta (0%)
- Yellow (29%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EB07D 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 4EB07D by changing the saturation by 10% instead.

 4EB07D

 4EB07D

FFFFFF

 309564

 86E8B2

 047B4C

 A3FFCD

 006135

 BFFFEA

 00481F

 DCFFFF

 003109

 FAFFFF

 001A00

 000000

 4EB07D

 4EB07D

 3CB074

 60B086

 2BB06B

 71B08F

 19B062

 83B098

 08B058

 94B0A2

 00B054

 A6B0AB

 B8B0B4

 C9B0BD

 DBB0C6

 ECB0CF

Harmonies

Analogous

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



83A95C



4EB07D



00B3A6

Triad

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



4EB07D



6D9FED



E58371

Complementary

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



4EB07D



B04E81

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.



E97D97



4EB07D



AD90DE

Square

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



4EB07D



00ABE6



D682BE



D09155

Rectangle

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



4EB07D



00B2C0



D682BE



E9807C

Sweetspot

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



4EB07D



BEE6D1



82B04E



5C7367



F2F2F2



737373

Same Dimension

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



4EB07D



4CE695



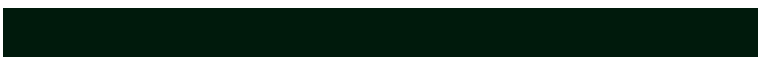
4EB0AD



505955



009949



001A0C

Inverse Universe

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



B04E81



E64C9C



B04E51



595055



990050



1A000D

Previews

White Background



This preview shows how the Hex color 4EB07D looks on a white background.

Color Contrast Check

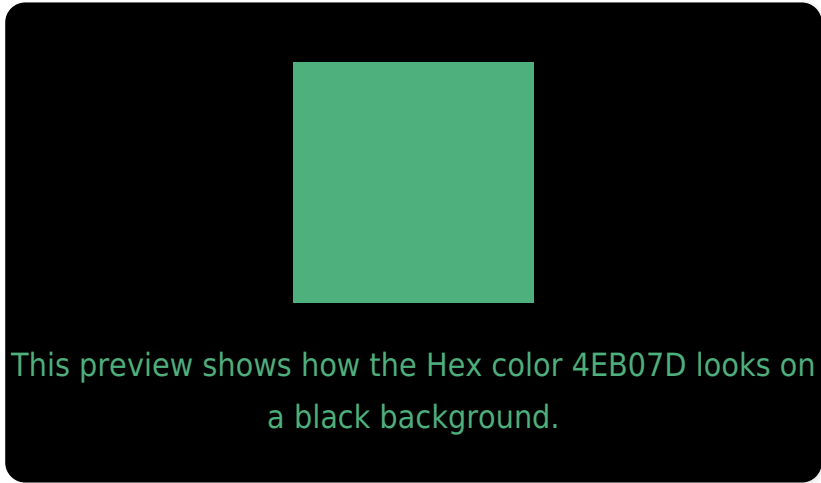
Large Text (above 18pt) WCAG AA × Fail

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

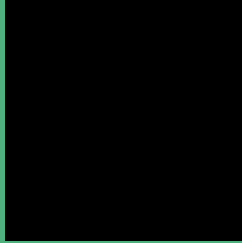
Any Text WCAG AA ✓ Pass

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 4EB07D Background



This preview shows how black text looks on a background with the Hex color 4EB07D.



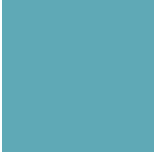
This preview shows how white text looks on a background with the Hex color 4EB07D.

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
5FA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB07D 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 #4EB07D looks like.

```
.text, #text, p{  
    color:#4EB07D  
}
```

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 #4EB07D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB07D
}
```

Border

The CSS property to change the border of an element to Hex 4EB07D 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
#4EB07D }
```

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

```
.border{ border-color:#4EB07D }
```

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

Here you see how a box with a 4 pixel #4EB07D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB07D; -webkit-box-shadow:4px 4px  
4px 4px #4EB07D; box-shadow:4px 4px 4px  
4px #4EB07D }
```

Background

The CSS property to change the background color of an element to Hex 4EB07D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB07D }
```

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

```
.background{ background-color:#4EB07D }
```

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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