

Converting Colors

Hex(00E4B4)

Have a look what the booklet for
Hex(00E4B4) contains.

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Color

Hex(00E4B4)

Conversions

Conversions Part 1

Format	Color
Hex	00E4B4
RGB	0, 228, 180
RGB Percent	0%, 89%, 71%
CMY	1.0000, 0.1059, 0.2941
CMYK	1.00, 0.00, 0.21, 0.11
HSL	167°, 100%, 45%
HSV	167°, 100%, 89%
XYZ	35.9816, 58.7821, 52.6297
YIQ	154.3560, -120.4800, -63.2640

Conversions

Conversions Part 2

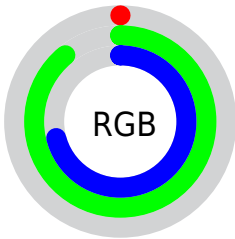
Format	Color
RYB	0, 127, 228
Decimal	58548
CIELab	81.17, -57.14, 10.58
CIELCh	81, 58.112, 169.512
Yxy	58.7821, 0.2441, 0.3988
Android (android.graphics.Color)	4278248628 (0xFF00E4B4)
YUV	154.3560, 12.6425, -135.3702
Hunter-Lab	76.6695, -50.4001, 12.9691

Details

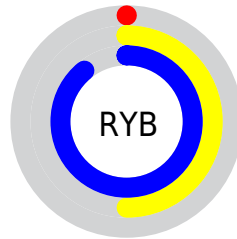
The Hex color **00E4B4** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E40030**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6DFECC**, and **00AB7F** is the 20% darker color. If you saturate the color by 10%, you get **00E4B4**, and if you desaturate by 10%, it is **17E4B9**.

Distribution



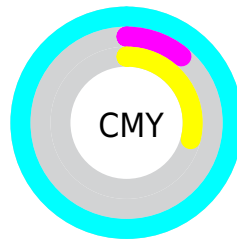
- Red (0%)
- Green (89%)
- Blue (71%)



- Red (0%)
- Yellow (50%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E4B4 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 00E4B4 by changing the saturation by 10% instead.

 00E4B4

 00E4B4

FFFFFF

 00C799

 6DFFEC

 00AB7F

 8FFFFFF

 009066

 AFFFFFF

 00754E

 CFFFFFF

 005B37

 EFFFFFF

 004222

 002B0C

 000800

 000000

 00E4B4

 17E4B9

 2EE4BE

 44E4C2

 5BE4C7

 72E4CC

 89E4D1

 A0E4D6

 B6E4DA

 CDE4DF

Harmonies

Analogous

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



87DE80



00E4B4



00E5EC

Triad

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



00E4B4



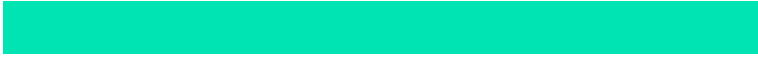
AEC3FF



FFAC79

Complementary

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



00E4B4



E40030

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.



FF9DA8



00E4B4



FAADFF

Square

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



00E4B4



0CD5FF



FF9EDF



FAC05C

Rectangle

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



00E4B4



00E3FF



FF9EDF



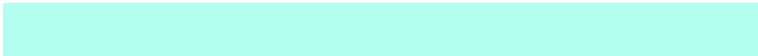
FFA687

Sweetspot

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



00E4B4



B3FFEF



31E400



528076



000000



808080

Same Dimension

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



00E4B4



00FFC9



00A3E4



677370



00B38D



003328

Inverse Universe

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



E40030



FF0036



E44100



73676A



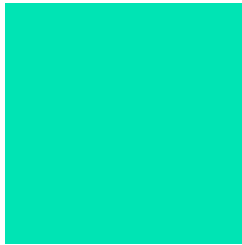
B30026



33000B

Previews

White Background



This preview shows how the Hex color 00E4B4 looks on a white background.

Color Contrast Check

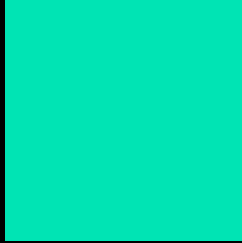
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00E4B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

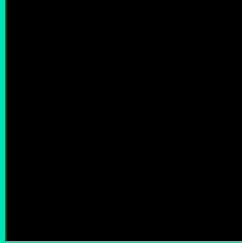
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

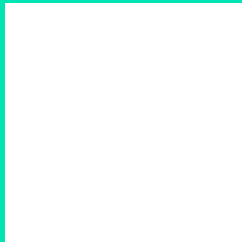
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00E4B4 Background



This preview shows how black text looks on a background with the Hex color 00E4B4.

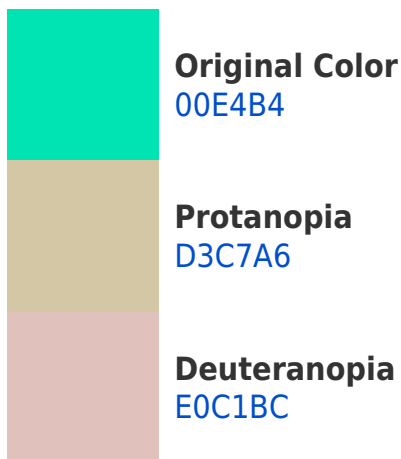


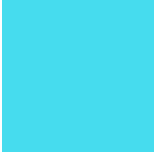
This preview shows how white text looks on a background with the Hex color 00E4B4.

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
46DCEE

Trichromacy



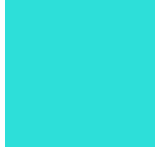
Original Color
00E4B4



Protanomaly
86D2AB



Deuteranomaly
8FCEB9



Tritanomaly
2DDFD9

Monochromacy



Original Color
00E4B4



Achromatopsia
9A9A9A



Achromatomaly
62B5A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E4B4 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 #00E4B4 looks like.

```
.text, #text, p{  
    color:#00E4B4  
}
```

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 #00E4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E4B4
}
```

Border

The CSS property to change the border of an element to Hex 00E4B4 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
#00E4B4 }
```

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

```
.border{ border-color:#00E4B4 }
```

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

Here you see how a box with a 4 pixel #00E4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E4B4; -webkit-box-shadow:4px 4px  
4px 4px #00E4B4; box-shadow:4px 4px 4px  
4px #00E4B4 }
```

Background

The CSS property to change the background color of an element to Hex 00E4B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E4B4 }
```

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

```
.background{ background-color:#00E4B4 }
```

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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