

# Converting Colors

Hex(00E6B4)

Have a look what the booklet for  
Hex(00E6B4) contains.

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**Color**

**Hex(00E6B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E6B4
RGB	0, 230, 180
RGB Percent	0%, 90%, 71%
CMY	1.0000, 0.0980, 0.2941
CMYK	1.00, 0.00, 0.22, 0.10
HSL	167°, 100%, 45%
HSV	167°, 100%, 90%
XYZ	36.5350, 59.8889, 52.8141
YIQ	155.5300, -121.0300, -64.3100

# Conversions

## Conversions Part 2

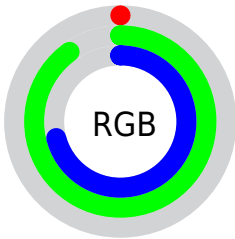
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 129, 230
Decimal	59060
CIELab	81.78, -57.91, 11.44
CIELCh	82, 59.028, 168.825
Yxy	59.8889, 0.2448, 0.4013
Android (android.graphics.Color)	4278249140 (0xFF00E6B4)
YUV	155.5300, 12.0637, -136.3998
Hunter-Lab	77.3879, -51.1586, 13.7085

# Details

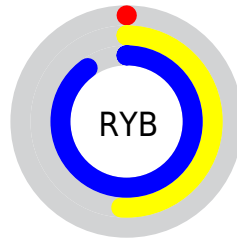
The Hex color **00E6B4** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E60032**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **6EFFEC**, and **00AD7F** is the 20% darker color. If you saturate the color by 10%, you get **00E6B4**, and if you desaturate by 10%, it is **17E6B9**.

# Distribution



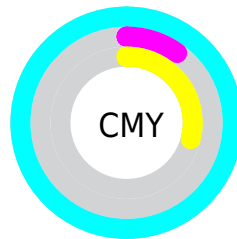
- Red (0%)
- Green (90%)
- Blue (71%)



- Red (0%)
- Yellow (51%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E6B4 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 00E6B4 by changing the saturation by 10% instead.



 00E6B4

FFFFFF

 6EF FEC

 90FFFF

 B0FFFF


 D0FFFF

 EFFFFFF

 00E6B4

 00C999

 00AD7F

 009266

 00774E

 005D37

 004422

 002D0C

 000C00

 000000

 00E6B4

 17E6B9

 2EE6BE

 45E6C3

 5CE6C8

 73E6CD

 8AE6D2

 A1E6D7

 B8E6DC

 CFE6E1

# Harmonies

## Analogous

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



89DF80



00E6B4



00E7ED

# Triad

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



00E6B4



ADC5FF



FFAD7A

# Complementary

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



00E6B4



E60032

# 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.



FF9EAB



00E6B4



FBAFFF

# Square

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



00E6B4



00D7FF



FF9FE2



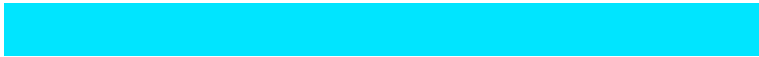
FDC15C

# Rectangle

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



00E6B4



00E5FF



FF9FE2



FFA689



# Sweetspot

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



00E6B4



B3FFEE



36E600



528076



000000



808080



# Same Dimension

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



00E6B4



00FFC8



00A9E6



677370



00B38C



003328



# Inverse Universe

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



E60032



FF0037



E63D00



73676A



B30027

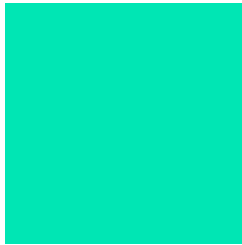


33000B



# Previews

## White Background



This preview shows how the Hex color 00E6B4 looks on a white background.

## Color Contrast Check

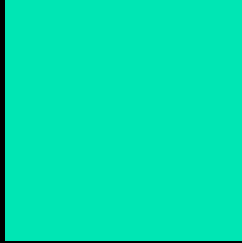
Large Text (above 18pt) WCAG AA × Fail

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 00E6B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

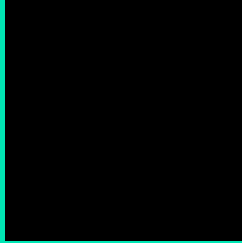
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00E6B4 Background



This preview shows how black text looks on a background with the Hex color 00E6B4.

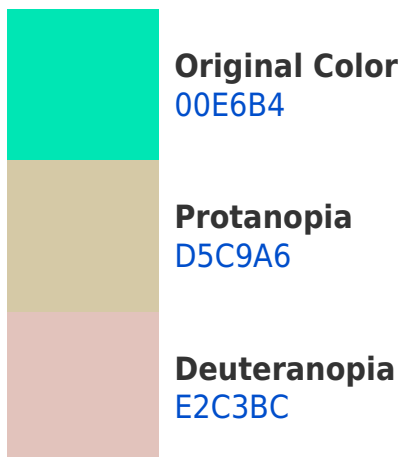


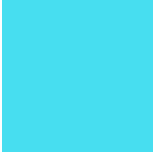
This preview shows how white text looks on a background with the Hex color 00E6B4.

# 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



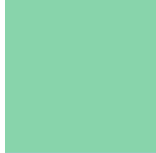


**Tritanopia**  
47DEF0

# Trichromacy



**Original Color**  
00E6B4



**Protanomaly**  
88D4AB



**Deuteranomaly**  
90D0B9

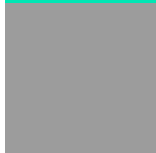


**Tritanomaly**  
2DE1DA

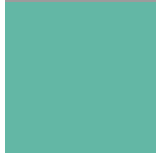
# Monochromacy



**Original Color**  
00E6B4



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
63B7A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E6B4 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 #00E6B4 looks like.

```
.text, #text, p{  
    color:#00E6B4  
}
```

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 #00E6B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E6B4
}
```

## Border

The CSS property to change the border of an element to Hex 00E6B4 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
#00E6B4 }
```

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

```
.border{ border-color:#00E6B4 }
```

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

Here you see how a box with a 4 pixel #00E6B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E6B4; -webkit-box-shadow:4px 4px  
4px 4px #00E6B4; box-shadow:4px 4px 4px  
4px #00E6B4 }
```

# Background

The CSS property to change the background color of an element to Hex 00E6B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E6B4 }
```

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

```
.background{ background-color:#00E6B4 }
```

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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