

# Converting Colors

Hex(00E7B5)

Have a look what the booklet for  
Hex(00E7B5) contains.

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**Color**

**Hex(00E7B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E7B5
RGB	0, 231, 181
RGB Percent	0%, 91%, 71%
CMY	1.0000, 0.0941, 0.2902
CMYK	1.00, 0.00, 0.22, 0.09
HSL	167°, 100%, 45%
HSV	167°, 100%, 91%
XYZ	36.9164, 60.4880, 53.4457
YIQ	156.2310, -121.6260, -64.5220

# Conversions

## Conversions Part 2

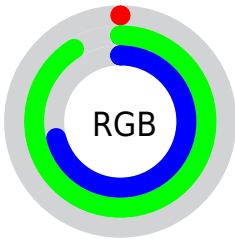
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 130, 231
Decimal	59317
CIELab	82.10, -58.05, 11.38
CIELCh	82, 59.153, 168.912
Yxy	60.4880, 0.2447, 0.4010
Android (android.graphics.Color)	4278249397 (0xFF00E7B5)
YUV	156.2310, 12.2111, -137.0146
Hunter-Lab	77.7740, -51.3774, 13.6982

# Details

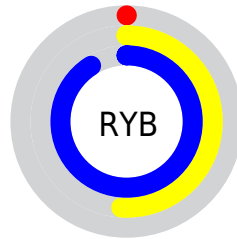
The Hex color **00E7B5** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E70032**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **6EFFED**, and **00AE80** is the 20% darker color. If you saturate the color by 10%, you get **00E7B5**, and if you desaturate by 10%, it is **17E7BA**.

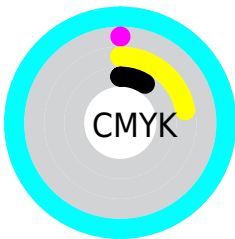
# Distribution



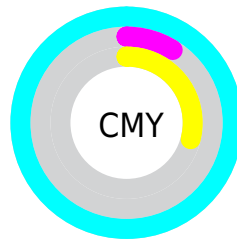
- Red (0%)
- Green (91%)
- Blue (71%)



- Red (0%)
- Yellow (51%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E7B5 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 00E7B5 by changing the saturation by 10% instead.



 00E7B5

FFFFFF

 6EFFED

 90FFFF

 B0FFFF

 D0FFFF

 F0FFFF

 00E7B5

 00CA9A

 00AE80

 009367

 00784F

 005E38

 004422

 002E0D

 000E00

 000000

 00E7B5

 17E7BA

 2EE7BF

 45E7C4

 5CE7C9

 74E7CE

 8BE7D3

 A2E7D8

 B9E7DD

 D0E7E2

# Harmonies

## Analogous

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



8AE080



00E7B5



00E8EE

# Triad

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



00E7B5



AEC6FF



FFAD7A

# Complementary

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



00E7B5



E70032

# 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.



FF9FAB



00E7B5



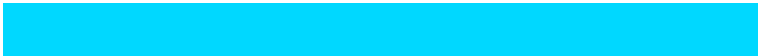
FCB0FF

# Square

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



00E7B5



00D8FF



FF9FE3



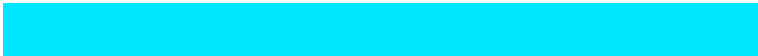
FEC25D

# Rectangle

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



00E7B5



00E6FF



FF9FE3



FFA789

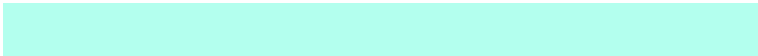


# Sweetspot

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



00E7B5



B3FFEE



32E700



528076



000000



808080



# Same Dimension

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



00E7B5



00FFC8



00A6E7



677370



00B38C



003328



# Inverse Universe

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



E70032



FF0037



E74100



73676A



B30027

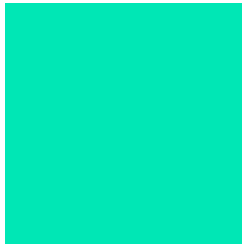


33000B



# Previews

## White Background



This preview shows how the Hex color 00E7B5 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 00E7B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

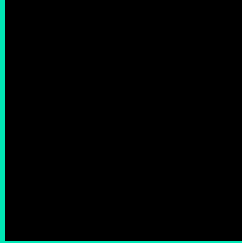
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00E7B5 Background



This preview shows how black text looks on a background with the Hex color 00E7B5.

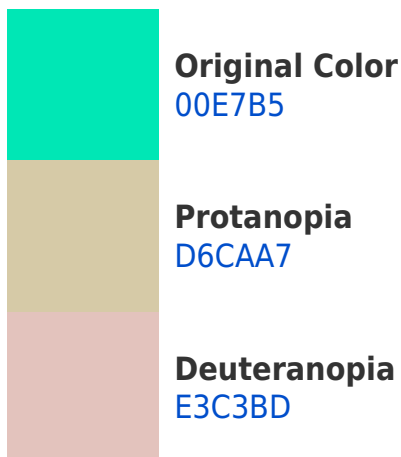


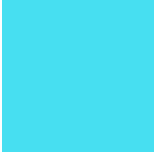
This preview shows how white text looks on a background with the Hex color 00E7B5.

# 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**  
47DFF1

# Trichromacy



**Original Color**  
00E7B5



**Protanomaly**  
88D5AC



**Deuteranomaly**  
90D0BA

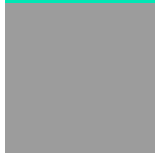


**Tritanomaly**  
2DE2DB

# Monochromacy



**Original Color**  
00E7B5



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
63B7A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E7B5 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 #00E7B5 looks like.

```
.text, #text, p{  
    color:#00E7B5  
}
```

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 #00E7B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E7B5
}
```

## Border

The CSS property to change the border of an element to Hex 00E7B5 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
#00E7B5 }
```

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

```
.border{ border-color:#00E7B5 }
```

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

Here you see how a box with a 4 pixel #00E7B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E7B5; -webkit-box-shadow:4px 4px  
4px 4px #00E7B5; box-shadow:4px 4px 4px  
4px #00E7B5 }
```

# Background

The CSS property to change the background color of an element to Hex 00E7B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E7B5 }
```

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

```
.background{ background-color:#00E7B5 }
```

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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