

# Converting Colors

Hex(06ED99)

Have a look what the booklet for  
Hex(06ED99) contains.

<b>Hex(06ED99)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(06ED99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06ED99
RGB	6, 237, 153
RGB Percent	2%, 93%, 60%
CMY	0.9765, 0.0706, 0.4000
CMYK	0.97, 0.00, 0.35, 0.07
HSL	158°, 95%, 48%
HSV	158°, 97%, 93%
XYZ	36.1091, 62.9070, 40.3761
YIQ	158.3550, -110.7120, -75.0960

# Conversions

## Conversions Part 2

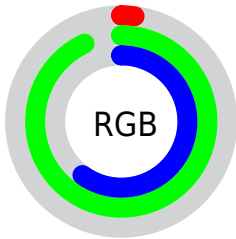
Format	Color
<a href="#">RYB</a>	<a href="#">6, 147, 237</a>
Decimal	<a href="#">454041</a>
CIELab	<a href="#">83.39, -66.29, 27.68</a>
CIELCh	<a href="#">83, 71.839, 157.336</a>
Yxy	<a href="#">62.9070, 0.2590, 0.4513</a>
Android (android.graphics.Color)	<a href="#">4278644121 (0xFF06ED99)</a>
YUV	<a href="#">158.3550, -2.6400, -133.6153</a>
Hunter-Lab	<a href="#">79.3139, -57.5341, 25.3372</a>

# Details

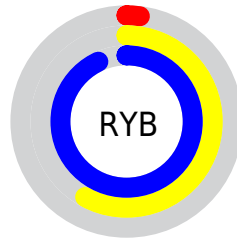
The Hex color **06ED99** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **ED065A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **70FFD0**, and **00B465** is the 20% darker color. If you saturate the color by 10%, you get **00ED97**, and if you desaturate by 10%, it is **1EEDA2**.

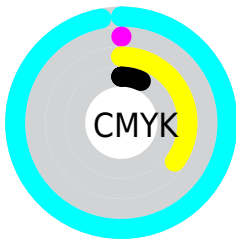
# Distribution



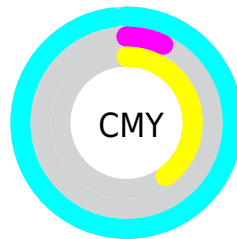
- Red (2%)
- Green (93%)
- Blue (60%)



- Red (2%)
- Yellow (58%)
- Blue (93%)



- Cyan (97%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (98%)
- Magenta (7%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06ED99 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 06ED99 by changing the saturation by 10% instead.



 06ED99

 06ED99

FFFFFF

 00D07F

 70FFD0

 00B465

 91FFEC

 00984D

 B2FFFF

 007D35

 D2FFFF

 00621E

 F1FFFF

 004806

 003100

 001400

 000000

 06ED99

 06ED99

 00ED97

 1EEDA2

 35EDAA

 4DEDB3

 65EDBB

 7CEDC4

 94EDCD

 ACEDD5

 C4EDDE

 DBEDE7

# Harmonies

## Analogous

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



9DE35D



06ED99



00F1DF

# Triad

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



06ED99



64D2FF



FF9F81

# Complementary

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



06ED99



ED065A

# 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.



FF91C2



06ED99



E9B7FF

# Square

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



06ED99



00E5FF



FF9CFF



FFB94F

# Rectangle

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



06ED99



00F0FF



FF9CFF



FF9996

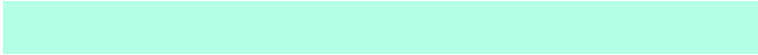


# Sweetspot

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



06ED99



B5FFE4



5BED06



53806F



000000



808080



# Same Dimension

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



06ED99



00FFA2



06CEED



6A7571



00B573



003622



# Inverse Universe

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



ED065A



FF005D



ED2506



756A6E



B50042

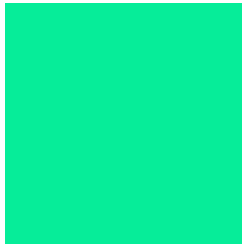


360013



# Previews

## White Background



This preview shows how the Hex color 06ED99 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 06ED99 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

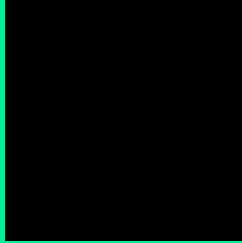
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 06ED99 Background



This preview shows how black text looks on a background with the Hex color 06ED99.

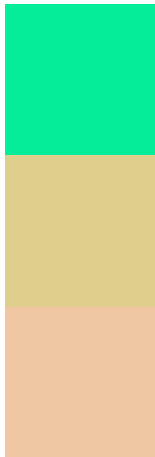


This preview shows how white text looks on a background with the Hex color 06ED99.

# 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](#).

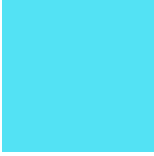
## Dichromacy



**Original Color**  
06ED99

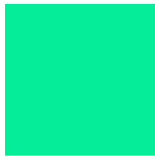
**Protanopia**  
DFCE8C

**Deuteranopia**  
F1C6A2



**Tritanopia**  
53E2F4

# Trichromacy



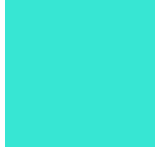
**Original Color**  
06ED99



**Protanomaly**  
90D991



**Deuteranomaly**  
9CD49F

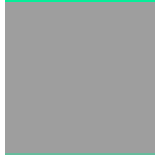


**Tritanomaly**  
37E6D3

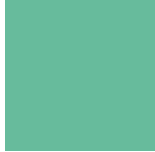
# Monochromacy



**Original Color**  
06ED99



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
67BB9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06ED99 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 #06ED99 looks like.

```
.text, #text, p{  
    color:#06ED99  
}
```

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 #06ED99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06ED99
}
```

## Border

The CSS property to change the border of an element to Hex 06ED99 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
#06ED99 }
```

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

```
.border{ border-color:#06ED99 }
```

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

Here you see how a box with a 4 pixel #06ED99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06ED99; -webkit-box-shadow:4px 4px  
4px 4px #06ED99; box-shadow:4px 4px 4px  
4px #06ED99 }
```

# Background

The CSS property to change the background color of an element to Hex 06ED99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06ED99 }
```

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

```
.background{ background-color:#06ED99 }
```

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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