

# Converting Colors

Hex(42E099)

Have a look what the booklet for  
Hex(42E099) contains.

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**Color**

**Hex(42E099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42E099
RGB	66, 224, 153
RGB Percent	26%, 88%, 60%
CMY	0.7412, 0.1216, 0.4000
CMYK	0.71, 0.00, 0.32, 0.12
HSL	153°, 72%, 57%
HSV	153°, 71%, 88%
XYZ	34.6522, 56.7695, 39.2682
YIQ	168.6640, -71.3770, -55.5770

# Conversions

## Conversions Part 2

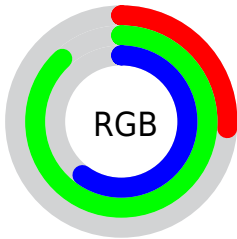
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">66, 168, 224</a>
Decimal	<a href="#">4382873</a>
CIELab	<a href="#">80.05, -56.82, 23.24</a>
CIELCh	<a href="#">80, 61.386, 157.752</a>
Yxy	<a href="#">56.7695, 0.2651, 0.4344</a>
Android (android.graphics.Color)	<a href="#">4282572953 (0xFF42E099)</a>
YUV	<a href="#">168.6640, -7.7224, -90.0363</a>
Hunter-Lab	<a href="#">75.3455, -49.7606, 21.8414</a>

# Details

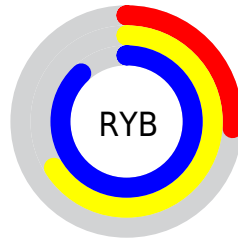
The Hex color **42E099** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **E04289**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **85FFD0**, and **00A866** is the 20% darker color. If you saturate the color by 10%, you get **2CE08F**, and if you desaturate by 10%, it is **58E0A3**.

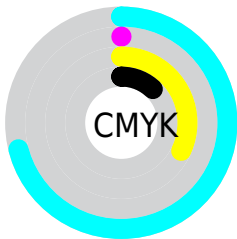
# Distribution



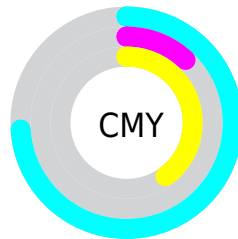
- Red (26%)
- Green (88%)
- Blue (60%)



- Red (26%)
- Yellow (66%)
- Blue (88%)



- Cyan (71%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)



- Cyan (74%)
- Magenta (12%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42E099 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 42E099 by changing the saturation by 10% instead.



 42E099

 42E099

FFFFFF

 0AC37F

 85FFD0

 00A866

 A4FFEC

 008C4D

 C2FFFF

 007236

 E1FFFF

 00581F

 003F09

 002800

 000000

 42E099

 42E099

 2CE08F

 58E0A3

 15E085

 6FE0AD

 00E07B

 85E0B7

 9CE0C1

 B2E0CB

 C8E0D5

 DFE0DF

 F5E0EA

 FFE0F4

# Harmonies

## Analogous

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



9CD768



42E099



00E3D4

# Triad

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



42E099



7AC8FF



FF9F83

# Complementary

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



42E099



E04289

# 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.



FF94BA



42E099



DEB1FF

# Square

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



42E099



00D8FF



FF9CF3



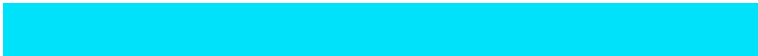
FFB45B

# Rectangle

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



42E099



00E2FA



FF9CF3



FF9A94

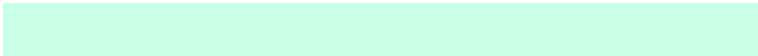


# Sweetspot

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



42E099



C9FFE7



89E042



608071



000000



808080



# Same Dimension

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



42E099



26FF9E



42D8E0



65706B



00B061



00301B



# Inverse Universe

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



E04289



FF2688



E04A42



70656A



B0004F



300016



# Previews

## White Background



This preview shows how the Hex color 42E099 looks on a white background.

## Color Contrast Check

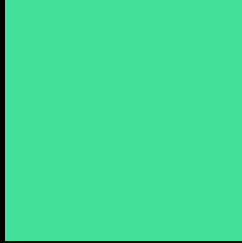
Large Text (above 18pt) WCAG AA × Fail

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 42E099 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

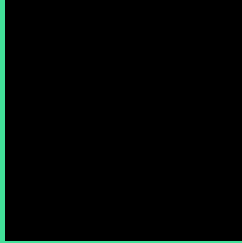
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 42E099 Background



This preview shows how black text looks on a background with the Hex color 42E099.

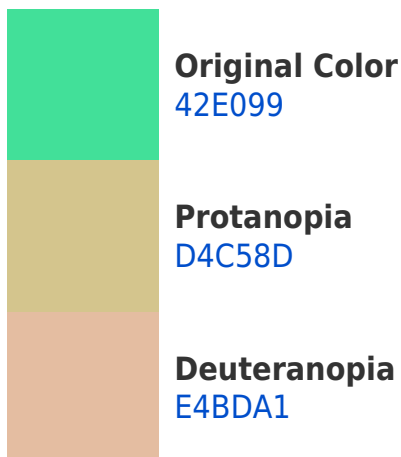


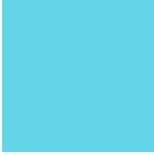
This preview shows how white text looks on a background with the Hex color 42E099.

# 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](#).

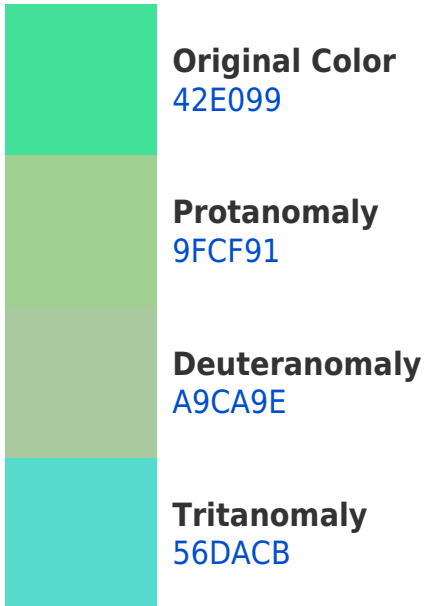
## Dichromacy



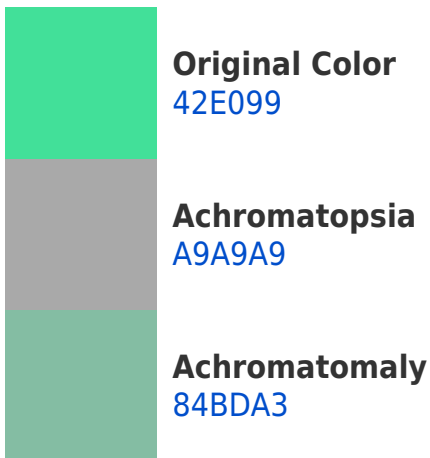


**Tritanopia**  
62D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42E099 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 #42E099 looks like.

```
.text, #text, p{  
    color:#42E099  
}
```

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 #42E099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42E099
}
```

## Border

The CSS property to change the border of an element to Hex 42E099 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
#42E099 }
```

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

```
.border{ border-color:#42E099 }
```

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

Here you see how a box with a 4 pixel #42E099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42E099; -webkit-box-shadow:4px 4px  
4px 4px #42E099; box-shadow:4px 4px 4px  
4px #42E099 }
```

# Background

The CSS property to change the background color of an element to Hex 42E099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42E099 }
```

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

```
.background{ background-color:#42E099 }
```

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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