

# Converting Colors

Hex(42ECA2)

Have a look what the booklet for  
Hex(42ECA2) contains.

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# Color

Hex(42ECA2)

# Conversions

## Conversions Part 1

Format	Color
Hex	42ECA2
RGB	66, 236, 162
RGB Percent	26%, 93%, 64%
CMY	0.7412, 0.0745, 0.3647
CMYK	0.72, 0.00, 0.31, 0.07
HSL	154°, 82%, 59%
HSV	154°, 72%, 93%
XYZ	38.7638, 63.7578, 44.4458
YIQ	176.7340, -77.5660, -59.0540

# Conversions

## Conversions Part 2

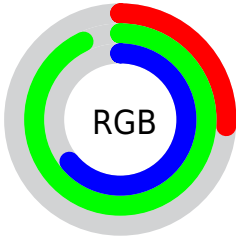
Format	Color
<a href="#">RYB</a>	<a href="#">66, 175, 236</a>
Decimal	<a href="#">4385954</a>
CIELab	<a href="#">83.84, -59.55, 23.78</a>
CIElCh	<a href="#">84, 64.120, 158.235</a>
Yxy	<a href="#">63.7578, 0.2638, 0.4338</a>
Android (android.graphics.Color)	<a href="#">4282576034 (0xFF42ECA2)</a>
YUV	<a href="#">176.7340, -7.2639, -97.1137</a>
Hunter-Lab	<a href="#">79.8485, -53.0790, 22.8915</a>

# Details

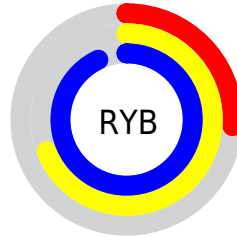
The Hex color **42ECA2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **EC428C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **87FFD9**, and **00B36E** is the 20% darker color. If you saturate the color by 10%, you get **2AEC98**, and if you desaturate by 10%, it is **5AECAC**.

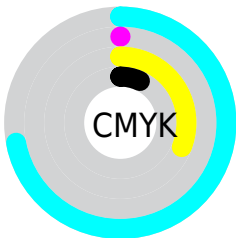
# Distribution



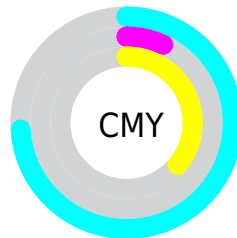
- Red (26%)
- Green (93%)
- Blue (64%)



- Red (26%)
- Yellow (69%)
- Blue (93%)



- Cyan (72%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)



- Cyan (74%)
- Magenta (7%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42ECA2 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 42ECA2 by changing the saturation by 10% instead.



 42ECA2

 42ECA2


FFFFFF

 00CF88

 87FFD9

 00B36E

 A6FFF6

 009755

 C5FFF6

 007C3D


 E4FFF6

 006227

 004910

 003200

 001600

 000000

 42ECA2

 42ECA2

 2AEC98

 5AECAC

 13EC8D

 71ECB7

 00EC85

 89ECC1

 A0ECCB

 B8ECD5

 D0ECE0

 E7ECEA

 FFECF4

 FFECFE

# Harmonies

## Analogous

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



A3E36E



42ECA2



00EFE0

# Triad

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



42ECA2



82D2FF



FFA889

# Complementary

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



42ECA2



EC428C

# 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.



FF9CC3



42ECA2



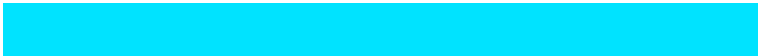
EBBAFF

# Square

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



42ECA2



00E3FF



FFA4FF



FFBE5F

# Rectangle

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



42ECA2



00EEFF



FFA4FF



FFA29B

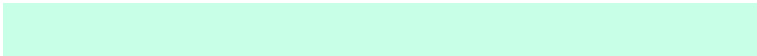


# Sweetspot

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



42ECA2



C7FFE7



8EEC42



5E8071



000000



808080



# Same Dimension

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



42ECA2



24FFA0



42E4EC



6A7570



00B566



00361E



# Inverse Universe

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



EC428C



FF2483



EC4B42



756A6F



B5004F

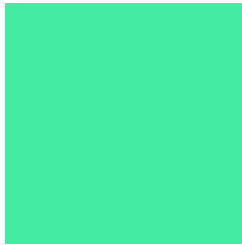


360017



# Previews

## White Background



This preview shows how the Hex color 42ECA2 looks on a white background.

## Color Contrast Check

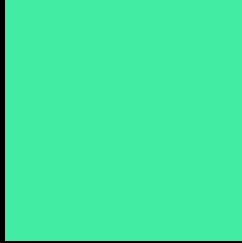
Large Text (above 18pt) WCAG AA × Fail

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 42ECA2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

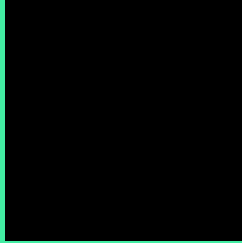
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 42ECA2 Background



This preview shows how black text looks on a background with the Hex color 42ECA2.

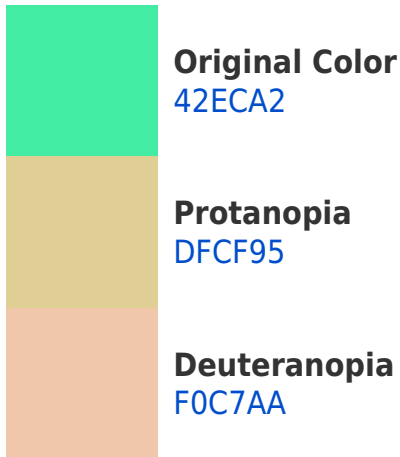


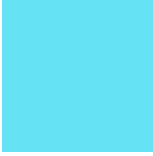
This preview shows how white text looks on a background with the Hex color 42ECA2.

# 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**  
65E2F4

# Trichromacy



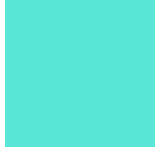
**Original Color**  
42ECA2



**Protanomaly**  
A6DA9A



**Deuteranomaly**  
B1D4A7

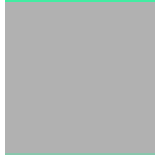


**Tritanomaly**  
58E6D6

# Monochromacy



**Original Color**  
42ECA2



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
89C6AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42ECA2 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 #42ECA2 looks like.

```
.text, #text, p{  
    color:#42ECA2  
}
```

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 #42ECA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42ECA2
}
```

## Border

The CSS property to change the border of an element to Hex 42ECA2 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
#42ECA2 }
```

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

```
.border{ border-color:#42ECA2 }
```

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

Here you see how a box with a 4 pixel #42ECA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42ECA2; -webkit-box-shadow:4px 4px  
4px 4px #42ECA2; box-shadow:4px 4px 4px  
4px #42ECA2 }
```

# Background

The CSS property to change the background color of an element to Hex 42ECA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42ECA2 }
```

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

```
.background{ background-color:#42ECA2 }
```

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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