

Converting Colors

Hex(42E2ED)

Have a look what the booklet for
Hex(42E2ED) contains.

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Color

Hex(42E2ED)

Conversions

Conversions Part 1

Format	Color
Hex	42E2ED
RGB	66, 226, 237
RGB Percent	26%, 89%, 93%
CMY	0.7412, 0.1137, 0.0706
CMYK	0.72, 0.05, 0.00, 0.07
HSL	184°, 83%, 59%
HSV	184°, 72%, 93%
XYZ	44.7292, 61.6654, 89.6659
YIQ	179.4140, -98.8910, -30.4990

Conversions

Conversions Part 2

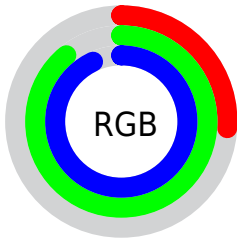
Format	Color
R _{YB}	66, 149, 237
Decimal	4383469
CIE _{Lab}	82.74, -36.67, -17.23
CIE _{LCh}	83, 40.515, 205.170
Y _{xy}	61.6654, 0.2281, 0.3145
Android (android.graphics.Color)	4282573549 (0xFF42E2ED)
YUV	179.4140, 28.3899, -99.4641
Hunter-Lab	78.5273, -35.7491, -12.7308

Details

The Hex color **42E2ED** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **ED4D42**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **8AFFFF**, and **00AAB5** is the 20% darker color. If you saturate the color by 10%, you get **2AE0ED**, and if you desaturate by 10%, it is **5AE4ED**.

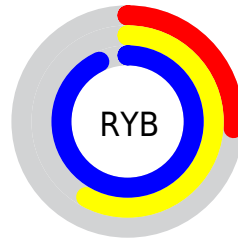
Distribution



Red (26%)

Green (89%)

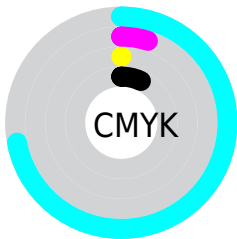
Blue (93%)



Red (26%)

Yellow (58%)

Blue (93%)

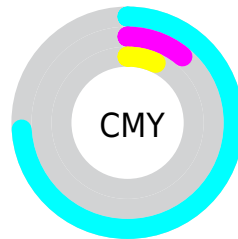


Cyan (72%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (74%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42E2ED 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 42E2ED by changing the saturation by 10% instead.

 42E2ED

 42E2ED

FFFFFF

 00C6D1

 8AFFFF

 00AAB5

 AAFFFF

 008F9A

 C9FFFF

 007580

 E8FFFF

 005C67

 00434F

 002D38

 001323

 00000B

 42E2ED

 42E2ED

 2AE0ED

 5AE4ED

 13DFED

 71E5ED

 00DEED

 89E7ED

 A1E8ED

 B8EAED

 D0EBED

 E8EDED

 FFEED

 FFF0ED

Harmonies

Analogous

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



6AE2C6



42E2ED



53DDFF

Triad

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



42E2ED



F8B9FA



EDCA82

Complementary

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



42E2ED



ED4D42

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.



FFBC91



42E2ED



FFB1D6

Square

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



42E2ED



CAC6FF



FFB3AF



C7D588

Rectangle

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



42E2ED



79D7FF



FFB3AF



F8C585

Sweetspot

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



42E2ED



C7FBFF



42ED4B



5E7D80



000000



808080

Same Dimension

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



42E2ED



21F1FF



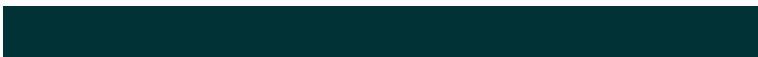
428FED



6A7575



00A9B5



003236

Inverse Universe

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



ED42E2



FF21F1



EDA042



756A75



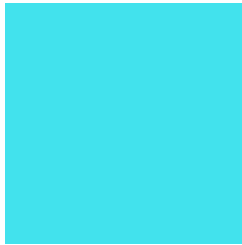
B500A9



360032

Previews

White Background



This preview shows how the Hex color 42E2ED looks on a white background.

Color Contrast Check

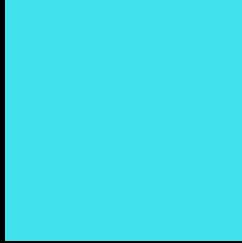
Large Text (above 18pt) WCAG AA × Fail

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 42E2ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

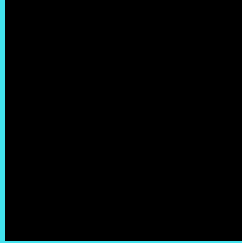
Any Text WCAG AA ✓ Pass

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 42E2ED Background



This preview shows how black text looks on a background with the Hex color 42E2ED.

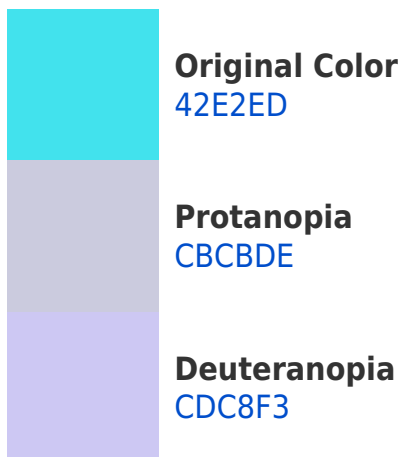


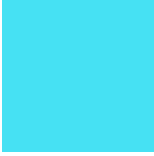
This preview shows how white text looks on a background with the Hex color 42E2ED.

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](#).

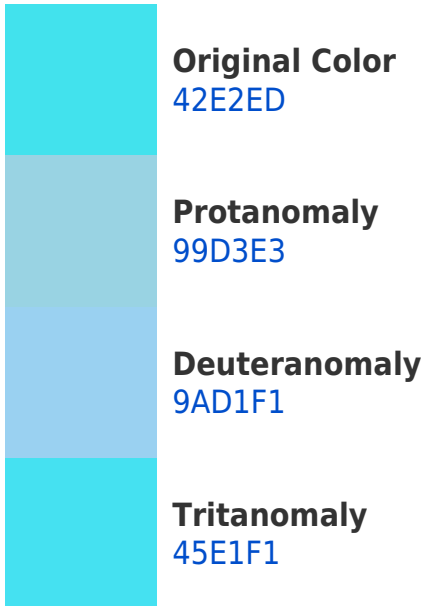
Dichromacy



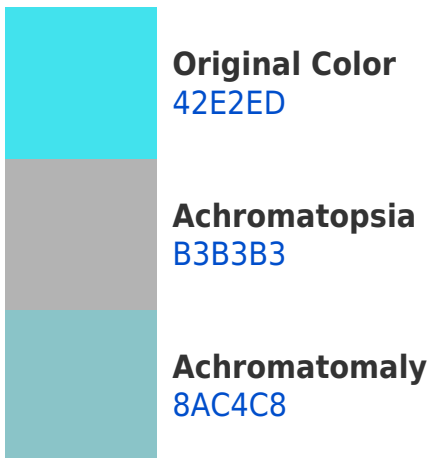


Tritanopia
46E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42E2ED 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 #42E2ED looks like.

```
.text, #text, p{  
    color:#42E2ED  
}
```

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 #42E2ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42E2ED
}
```

Border

The CSS property to change the border of an element to Hex 42E2ED 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
#42E2ED }
```

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

```
.border{ border-color:#42E2ED }
```

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

Here you see how a box with a 4 pixel #42E2ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42E2ED; -webkit-box-shadow:4px 4px  
4px 4px #42E2ED; box-shadow:4px 4px 4px  
4px #42E2ED }
```

Background

The CSS property to change the background color of an element to Hex 42E2ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42E2ED }
```

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

```
.background{ background-color:#42E2ED }
```

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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