

Converting Colors

Hex(42C2EE)

Have a look what the booklet for
Hex(42C2EE) contains.

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Color

Hex(42C2EE)

Conversions

Conversions Part 1

Format	Color
Hex	42C2EE
RGB	66, 194, 238
RGB Percent	26%, 76%, 93%
CMY	0.7412, 0.2392, 0.0667
CMYK	0.72, 0.18, 0.00, 0.07
HSL	195°, 83%, 60%
HSV	195°, 72%, 93%
XYZ	36.9712, 45.9149, 87.8028
YIQ	160.7440, -90.4120, -13.4520

Conversions

Conversions Part 2

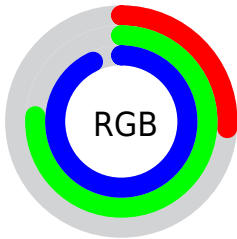
Format	Color
R _Y B	66, 139, 238
Decimal	4375278
CIE Lab	73.49, -20.75, -31.86
CIE LCh	73, 38.022, 236.932
Yxy	45.9149, 0.2166, 0.2690
Android (android.graphics.Color)	4282565358 (0xFF42C2EE)
YUV	160.7440, 38.0872, -83.0905
Hunter-Lab	67.7605, -21.1886, -29.3945

Details

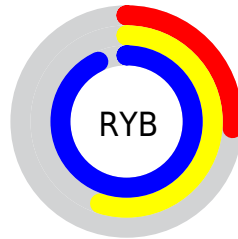
The Hex color **42C2EE** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **EE6E42**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **87FBFF**, and **008CB6** is the 20% darker color. If you saturate the color by 10%, you get **2ABCEE**, and if you desaturate by 10%, it is **5AC8EE**.

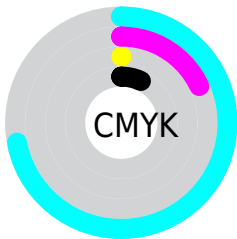
Distribution



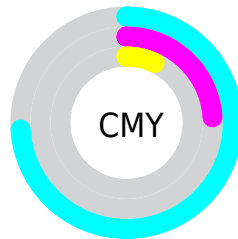
- Red (26%)
- Green (76%)
- Blue (93%)



- Red (26%)
- Yellow (55%)
- Blue (93%)



- Cyan (72%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (74%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42C2EE 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 42C2EE by changing the saturation by 10% instead.

 42C2EE

 42C2EE

FFFFFF

 00A7D2

 87FBFF

 008CB6

 A6FFFF

 00739B

 C5FFFF


 005A81

 E4FFFF

 004267

 002C4F

 001738

 000222

 000008

 42C2EE

 42C2EE

 2ABCEE

 5AC8EE

 12B6EE

 72CEEE

 00B1EE

 89D4EE

 A1DAEE

 B9E0EE

 D1E7EE

 E9EDEE

 FFF3EE

 FFF9EE

Harmonies

Analogous

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



2CC7D3



42C2EE



7DB9FA

Triad

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



42C2EE



F59ABA



ABBC75

Complementary

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



42C2EE



EE6E42

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.



CFB16F



42C2EE



F89C97

Square

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



42C2EE



DDA1DB



EAA57B



82C38D

Rectangle

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



42C2EE



A2B1F7



EAA57B



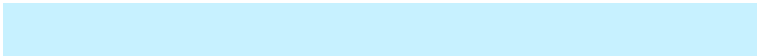
B8B971

Sweetspot

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



42C2EE



C7F1FF



42EE6D



5E7780



000000



808080

Same Dimension

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



42C2EE



21C6FF



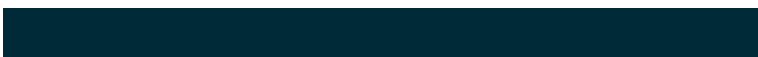
426DEE



6C7578



0089B8



002A38

Inverse Universe

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



EE42C2



FF21C6



EEC342



786C75



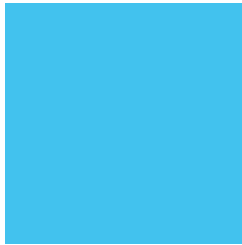
B80089



38002A

Previews

White Background



This preview shows how the Hex color 42C2EE looks on a white background.

Color Contrast Check

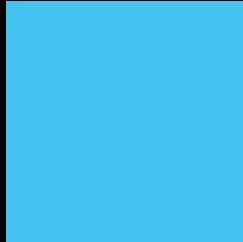
Large Text (above 18pt) WCAG AA × Fail

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 42C2EE 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 42C2EE Background



This preview shows how black text looks on a background with the Hex color 42C2EE.

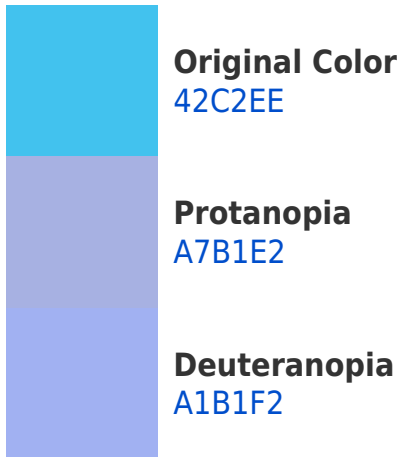


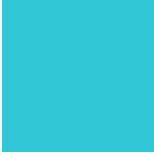
This preview shows how white text looks on a background with the Hex color 42C2EE.

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](#).

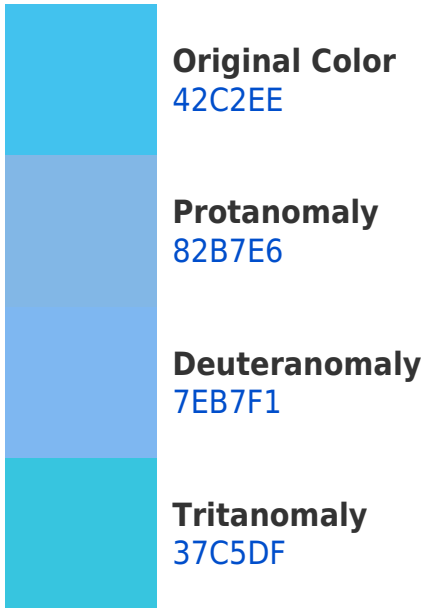
Dichromacy



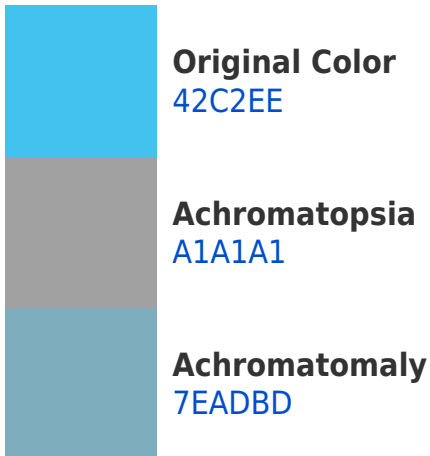


Tritanopia
30C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42C2EE 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 #42C2EE looks like.

```
.text, #text, p{  
    color:#42C2EE  
}
```

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 #42C2EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42C2EE
}
```

Border

The CSS property to change the border of an element to Hex 42C2EE 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
#42C2EE }
```

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

```
.border{ border-color:#42C2EE }
```

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

Here you see how a box with a 4 pixel #42C2EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42C2EE; -webkit-box-shadow:4px 4px  
4px 4px #42C2EE; box-shadow:4px 4px 4px  
4px #42C2EE }
```

Background

The CSS property to change the background color of an element to Hex 42C2EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42C2EE }
```

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

```
.background{ background-color:#42C2EE }
```

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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