

Converting Colors

Hex(42EBF1)

Have a look what the booklet for
Hex(42EBF1) contains.

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Color

Hex(42EBF1)

Conversions

Conversions Part 1

Format	Color
Hex	42EBF1
RGB	66, 235, 241
RGB Percent	26%, 92%, 95%
CMY	0.7412, 0.0784, 0.0549
CMYK	0.73, 0.02, 0.00, 0.05
HSL	182°, 86%, 60%
HSV	182°, 73%, 95%
XYZ	47.8323, 66.9258, 93.6160
YIQ	185.1530, -102.6500, -33.9620

Conversions

Conversions Part 2

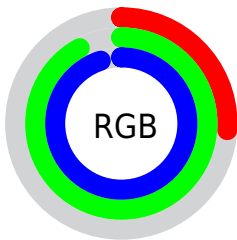
Format	Color
R _Y B	66, 152, 241
Decimal	4385777
CIE Lab	85.47, -39.65, -15.24
CIE LCh	85, 42.474, 201.021
Yxy	66.9258, 0.2296, 0.3212
Android (android.graphics.Color)	4282575857 (0xFF42EBF1)
YUV	185.1530, 27.5326, -104.4972
Hunter-Lab	81.8082, -38.7975, -10.5819

Details

The Hex color **42EBF1** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F14842**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **8BFFFF**, and **00B3B9** is the 20% darker color. If you saturate the color by 10%, you get **2AEAF1**, and if you desaturate by 10%, it is **5AECF1**.

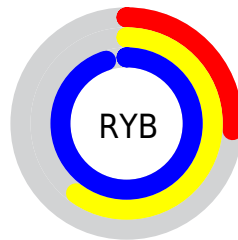
Distribution



Red (26%)

Green (92%)

Blue (95%)



Red (26%)

Yellow (60%)

Blue (95%)

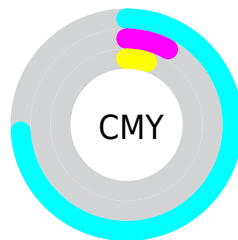


Cyan (73%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (74%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42EBF1 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 42EBF1 by changing the saturation by 10% instead.

 42EBF1

 42EBF1


FFFFFF

 00CED5

 8BFFFF

 00B3B9

 ABFFFF

 00979E

 CBFFFF

 007D84

 EBFFFF

 00636B

 004B53

 00333C

 001D26

 000111

 42EBF1

 42EBF1

 2AEAF1

 5AECF1

 12E9F1

 72EDF1

 00E9F1

 8AEDF1

 A2EEF1

 BB EFF1

 D3F0F1

 EBF1F1

 FFF2F1

Harmonies

Analogous

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



73EBC8



42EBF1



49E7FF

Triad

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



42EBF1



FDC1FF



FBCF86

Complementary

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



42EBF1



F14842

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.



FFC199



42EBF1



FFB8E3

Square

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



42EBF1



C9D0FF



FFB8BB



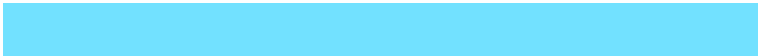
D4DC89

Rectangle

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



42EBF1



72E1FF



FFB8BB



FFCA8A

Sweetspot

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



42EBF1



C7FDFD



42F148



5E7E80



000000



808080

Same Dimension

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



42EBF1



21F7FF



4294F1



6C7778



00B1B8



003638

Inverse Universe

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



F142EB



FF21F7



F19F42



786C77



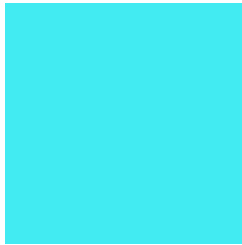
B800B1



380036

Previews

White Background



This preview shows how the Hex color 42EBF1 looks on a white background.

Color Contrast Check

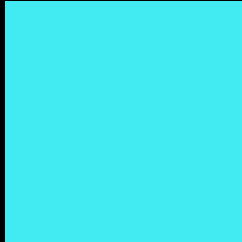
Large Text (above 18pt) WCAG AA × Fail

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 42EBF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

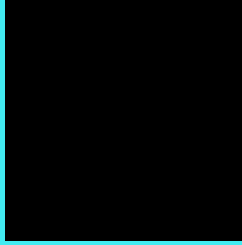
Any Text WCAG AA ✓ Pass

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 42EBF1 Background



This preview shows how black text looks on a background with the Hex color 42EBF1.

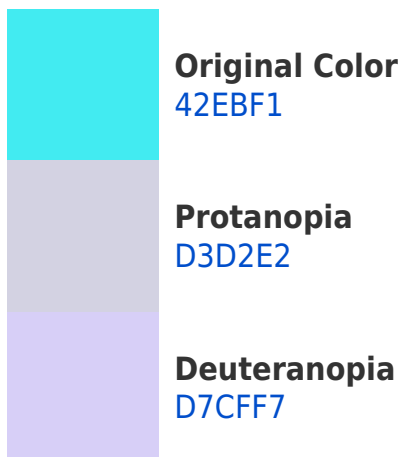


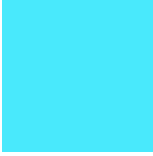
This preview shows how white text looks on a background with the Hex color 42EBF1.

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](#).

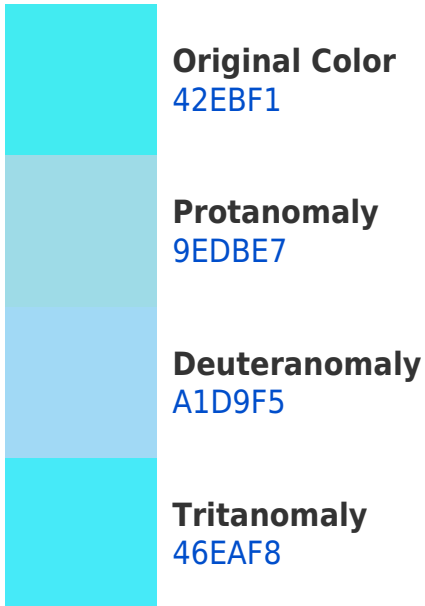
Dichromacy





Tritanopia
49E9FC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42EBF1 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 #42EBF1 looks like.

```
.text, #text, p{  
    color:#42EBF1  
}
```

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 #42EBF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42EBF1
}
```

Border

The CSS property to change the border of an element to Hex 42EBF1 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
#42EBF1 }
```

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

```
.border{ border-color:#42EBF1 }
```

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

Here you see how a box with a 4 pixel #42EBF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42EBF1; -webkit-box-shadow:4px 4px  
4px 4px #42EBF1; box-shadow:4px 4px 4px  
4px #42EBF1 }
```

Background

The CSS property to change the background color of an element to Hex 42EBF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42EBF1 }
```

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

```
.background{ background-color:#42EBF1 }
```

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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