

Converting Colors

Hex(2FCCEA)

Have a look what the booklet for
Hex(2FCCEA) contains.

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Color

Hex(2FCCEA)

Conversions

Conversions Part 1

Format	Color
Hex	2FCCEA
RGB	47, 204, 234
RGB Percent	18%, 80%, 92%
CMY	0.8157, 0.2000, 0.0824
CMYK	0.80, 0.13, 0.00, 0.08
HSL	190°, 82%, 55%
HSV	190°, 80%, 92%
XYZ	37.6164, 49.7306, 85.4583
YIQ	160.4770, -103.2020, -23.9540

Conversions

Conversions Part 2

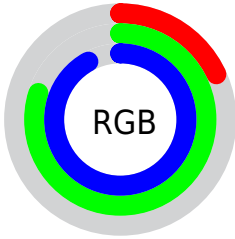
Format	Color
R _Y B	47, 132, 234
Decimal	3132650
CIE Lab	75.90, -29.04, -26.03
CIE LCh	76, 38.997, 221.875
Yxy	49.7306, 0.2177, 0.2878
Android (android.graphics.Color)	4281322730 (0xFF2FCCEA)
YUV	160.4770, 36.2468, -99.5193
Hunter-Lab	70.5199, -28.1951, -22.4856

Details

The Hex color **2FCCEA** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EA4D2F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7CFFFF**, and **0095B2** is the 20% darker color. If you saturate the color by 10%, you get **18C8EA**, and if you desaturate by 10%, it is **46D0EA**.

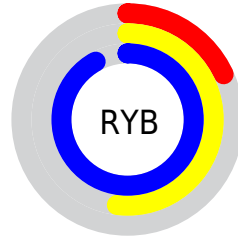
Distribution



Red (18%)

Green (80%)

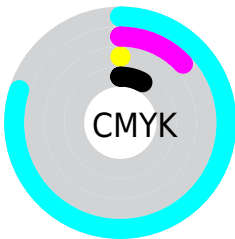
Blue (92%)



Red (18%)

Yellow (52%)

Blue (92%)

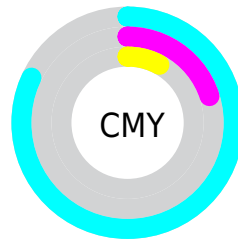


Cyan (80%)

Magenta (13%)

Yellow (0%)

Black (8%)



Cyan (82%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FCCEA 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 2FCCEA by changing the saturation by 10% instead.

 2FCCEA

 2FCCEA

FFFFFF

 00B0CE

 7CFFFF

 0095B2

 9DFFFF

 007B97

 BCFFFF

 00627D

 DCFFFF

 004A64

 FBFFFF

 00334C

 001F35

 000220

 000004

■ 2FCCEA

■ 2FCCEA

■ 18C8EA

■ 46D0EA

■ 00C4EA

■ 5ED4EA

■ 75D7EA

■ 8DDBEA

■ A4DFEA

■ BBE3EA

■ D3E6EA

■ EAEAEA

■ FFEEEA

Harmonies

Analogous

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



41CFC9



2FCCEA



63C5FF

Triad

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



2FCCEA



F4A2D2



C5BE74

Complementary

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



2FCCEA



EA4D2F

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.



E6B177



2FCCEA



FF9FAE

Square

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



2FCCEA



D2ADF1



FCA68D



9DC784

Rectangle

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



2FCCEA



8BBEFF



FCA68D



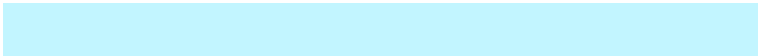
D1BA73

Sweetspot

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



2FCCEA



C2F5FF



2FEA4B



5B7A80



000000



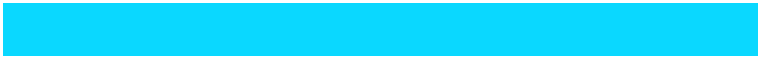
808080

Same Dimension

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



2FCCEA



0AD8FF



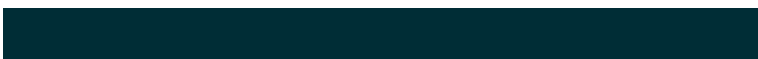
2F70EA



6A7375



0098B5



002D36

Inverse Universe

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



EA2FCC



FF0AD8



EAA92F



756A73



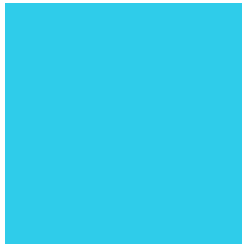
B50098



36002D

Previews

White Background



This preview shows how the Hex color 2FCCEA looks on a white background.

Color Contrast Check

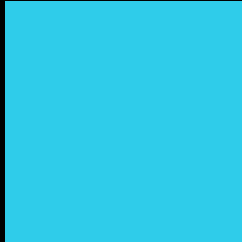
Large Text (above 18pt) WCAG AA × Fail

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 2FCCEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

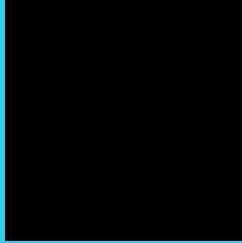
Any Text WCAG AA ✓ Pass

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 2FCCEA Background



This preview shows how black text looks on a background with the Hex color 2FCCEA.

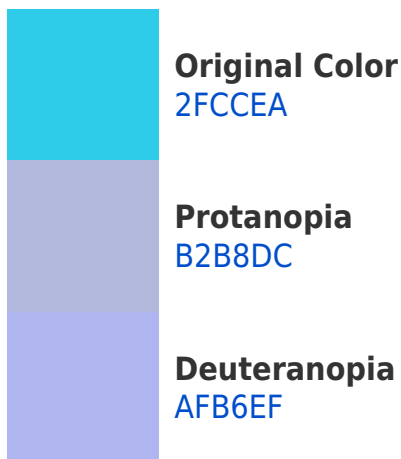


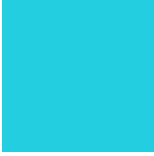
This preview shows how white text looks on a background with the Hex color 2FCCEA.

Color Blindness Simulation

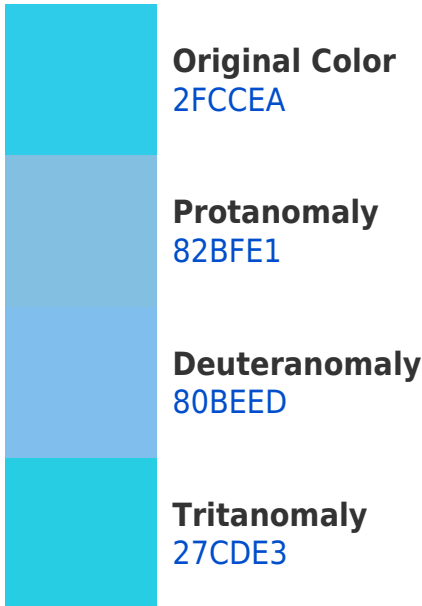
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

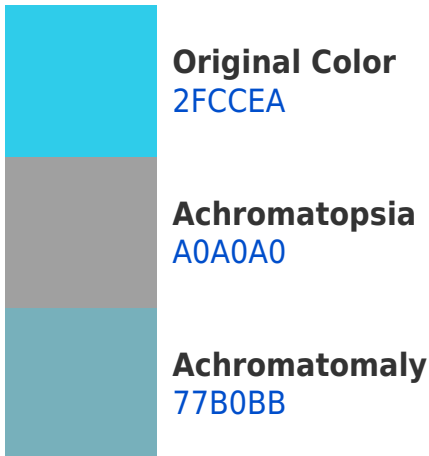




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FCCEA 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 #2FCCEA looks like.

```
.text, #text, p{  
    color:#2FCCEA  
}
```

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 #2FCCEA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 2FCCEA 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
#2FCCEA }
```

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

```
.border{ border-color:#2FCCEA }
```

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

Here you see how a box with a 4 pixel #2FCCEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FCCEA; -webkit-box-shadow:4px 4px  
4px 4px #2FCCEA; box-shadow:4px 4px 4px  
4px #2FCCEA }
```

Background

The CSS property to change the background color of an element to Hex 2FCCEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FCCEA }
```

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

```
.background{ background-color:#2FCCEA }
```

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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