

Converting Colors

Hex(72FCEA)

Have a look what the booklet for
Hex(72FCEA) contains.

Hex(72FCEA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(72FCEA)

Conversions

Conversions Part 1

Format	Color
Hex	72FCEA
RGB	114, 252, 234
RGB Percent	45%, 99%, 92%
CMY	0.5529, 0.0118, 0.0824
CMYK	0.55, 0.00, 0.07, 0.01
HSL	172°, 96%, 72%
HSV	172°, 55%, 99%
XYZ	56.6011, 79.1387, 90.1340
YIQ	208.6860, -76.4700, -34.8540

Conversions

Conversions Part 2

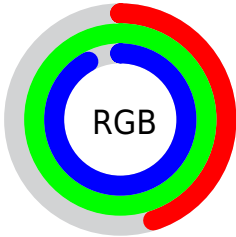
Format	Color
RYB	114, 188, 252
Decimal	7535850
CIELab	91.30, -41.83, -2.80
CIELCh	91, 41.920, 183.823
Yxy	79.1387, 0.2506, 0.3504
Android (android.graphics.Color)	4285725930 (0xFF72FCEA)
YUV	208.6860, 12.4798, -83.0396
Hunter-Lab	88.9600, -42.1086, 2.1995

Details

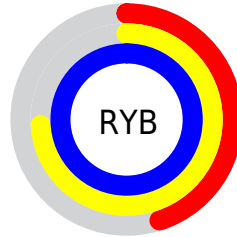
The Hex color **72FCEA** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FC7284**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **B0FFFF**, and **29C3B2** is the 20% darker color. If you saturate the color by 10%, you get **59FCE7**, and if you desaturate by 10%, it is **8BFCED**.

Distribution



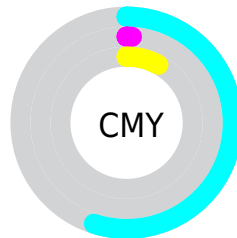
- Red (45%)
- Green (99%)
- Blue (92%)



- Red (45%)
- Yellow (74%)
- Blue (99%)



- Cyan (55%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (55%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Hex color 72FCEA 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 72FCEA by changing the saturation by 10% instead.

 72FCEA

 72FCEA

FFFFFF

 51DFCE

 B0FFFF

 29C3B2

 CEFFFF

 00A798

 EDFFFF

 008C7E

 007265

 00594D

 004036

 002A21

 00090B

 72FCEA

 72FCEA

 59FCE7

 8BFCED

 40FCE3

 A4FCF1

 26FCE0

 BEFCF4

 0DFCDD

 D7FCF7

 00FCDB

 F0FCFA

 FFFCFE

 FFFCFF

Harmonies

Analogous

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



A2F9C1



72FCEA



58FAFF

Triad

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



72FCEA



F2DAFF



FFD79F

Complementary

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



72FCEA



FC7284

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.



FFCCBB



72FCEA



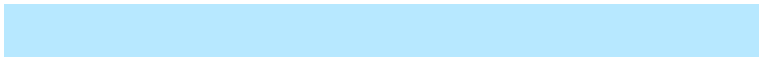
FFCDFF

Square

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



72FCEA



B7E8FF



FFC7E2



FDE595

Rectangle

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



72FCEA



68F6FF



FFC7E2



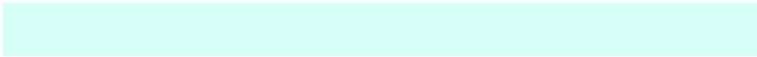
FFD3A7

Sweetspot

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



72FCEA



D6FFFA



84FC72



67807C



000000



808080

Same Dimension

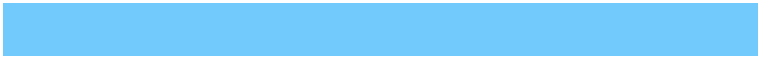
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72FCEA



57FFE9



72C9FC



707D7B



00BDA4



003D35

Inverse Universe

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



FC7284



FF576D



FCA572



7D7072



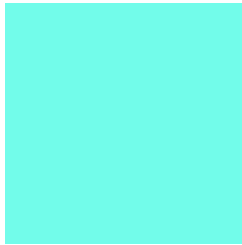
BD0019



3D0008

Previews

White Background



This preview shows how the Hex color 72FCEA looks on a white background.

Color Contrast Check

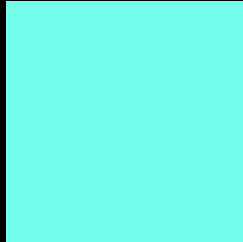
Large Text (above 18pt) WCAG AA × Fail

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 72FCEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

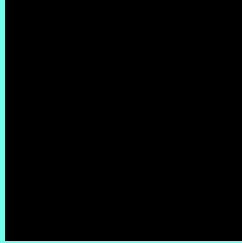
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

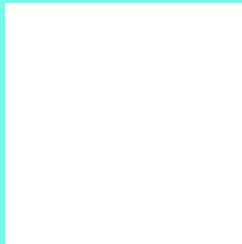
Any Text WCAG AAA ✓ Pass

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

Hex 72FCEA Background



This preview shows how black text looks on a background with the Hex color 72FCEA.

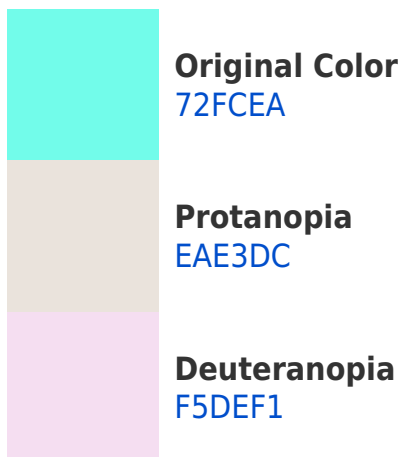


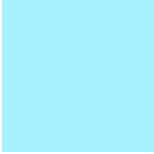
This preview shows how white text looks on a background with the Hex color 72FCEA.

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
A9F1FF

Trichromacy



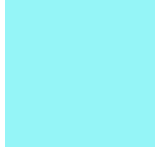
Original Color
72FCEA



Protanomaly
BEECE1



Deuteranomaly
C5E9EE

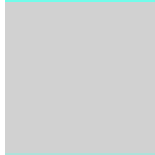


Tritanomaly
95F5F7

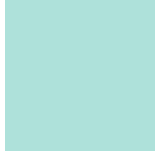
Monochromacy



Original Color
72FCEA



Achromatopsia
D1D1D1



Achromatomaly
AEE1DA

CSS Examples

Text

The CSS property to change the color of the text to Hex 72FCEA 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 #72FCEA looks like.

```
.text, #text, p{  
    color:#72FCEA  
}
```

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 #72FCEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72FCEA
}
```

Border

The CSS property to change the border of an element to Hex 72FCEA 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
#72FCEA }
```

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

```
.border{ border-color:#72FCEA }
```

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

Here you see how a box with a 4 pixel #72FCEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72FCEA; -webkit-box-shadow:4px 4px  
4px 4px #72FCEA; box-shadow:4px 4px 4px  
4px #72FCEA }
```

Background

The CSS property to change the background color of an element to Hex 72FCEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72FCEA }
```

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

```
.background{ background-color:#72FCEA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor