

Converting Colors

Hex(22FCEE)

Have a look what the booklet for
Hex(22FCEE) contains.

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Color

Hex(22FCEE)

Conversions

Conversions Part 1

Format	Color
Hex	22FCEE
RGB	34, 252, 238
RGB Percent	13%, 99%, 93%
CMY	0.8667, 0.0118, 0.0667
CMYK	0.87, 0.00, 0.06, 0.01
HSL	176°, 97%, 56%
HSV	176°, 87%, 99%
XYZ	50.9027, 76.1339, 92.9014
YIQ	185.2220, -125.4340, -50.5700

Conversions

Conversions Part 2

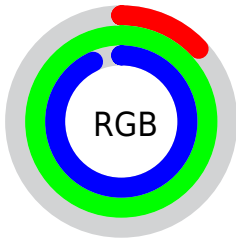
Format	Color
R_{YB}	34, 147, 252
Decimal	2292974
CIE _{Lab}	89.92, -50.52, -7.07
CIE _{LCh}	90, 51.009, 187.966
Yxy	76.1339, 0.2314, 0.3462
Android (android.graphics.Color)	4280483054 (0xFF22FCEE)
YUV	185.2220, 26.0196, -132.6217
Hunter-Lab	87.2548, -48.5625, -2.0486

Details

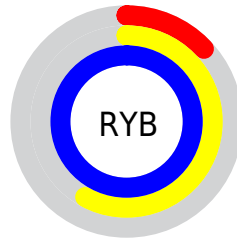
The Hex color **22FCEE** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **FC2230**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **7EFFFF**, and **00C2B6** is the 20% darker color. If you saturate the color by 10%, you get **09FCEC**, and if you desaturate by 10%, it is **3BF0F0**.

Distribution



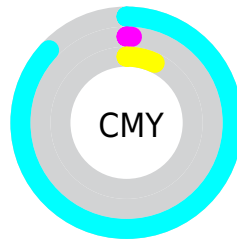
- Red (13%)
- Green (99%)
- Blue (93%)



- Red (13%)
- Yellow (58%)
- Blue (99%)



- Cyan (87%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (87%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22FCEE 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 22FCEE by changing the saturation by 10% instead.

 22FCEE

 22FCEE

FFFFFF

 00DFD2

 7EFFFF

 00C2B6

 A0FFFF

 00A79B

 C1FFFF

 008C81

 E2FFFF

 007168

 005750

 003F3A

 002924

 000110

 22FCEE

 22FCEE

 09FCEC

 3BFCF0

 00FCEC

 54FCF1

 6EFCF3

 87FCF4

 A0FCF6

 B9FCF8

 D2FCF9

 ECFCFB

 FFFCFD

Harmonies

Analogous

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



82F9BC



22FCEE



00FAFF

Triad

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



22FCEE



F8D1FF



FFD388

Complementary

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



22FCEE



FC2230

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.



FFC3A9



22FCEE



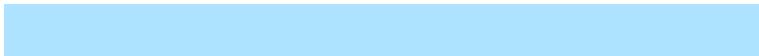
FFC1FF

Square

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



22FCEE



AEE3FF



FFBBD7



F5E480

Rectangle

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



22FCEE



00F5FF



FFBBD7



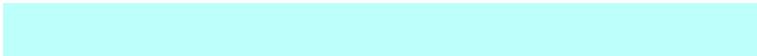
FFCD91

Sweetspot

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



22FCEE



BDFFFB



31FC22



58807D



000000



808080

Same Dimension

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



22FCEE



00FFEF



229EFC



707D7C



00BDB1



003D39

Inverse Universe

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



FC2230



FF0010



FC8022



7D7071



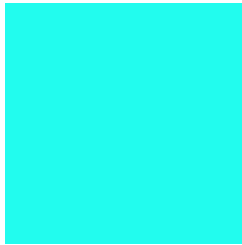
BD000C



3D0004

Previews

White Background



This preview shows how the Hex color 22FCEE looks on a white background.

Color Contrast Check

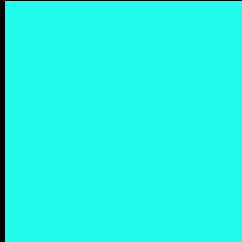
Large Text (above 18pt) WCAG AA × Fail

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 22FCEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

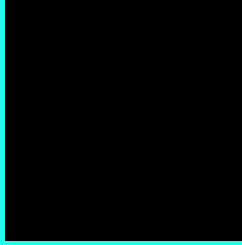
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

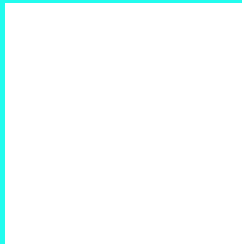
Any Text WCAG AAA ✓ Pass

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

Hex 22FCEE Background



This preview shows how black text looks on a background with the Hex color 22FCEE.

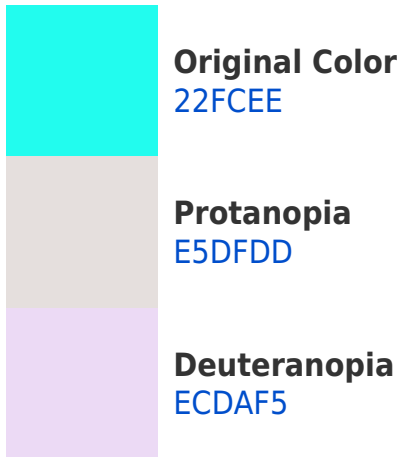


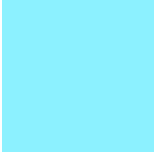
This preview shows how white text looks on a background with the Hex color 22FCEE.

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



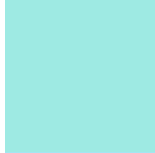


Tritanopia
8CF1FF

Trichromacy



Original Color
22FCEE



Protanomaly
9EEAE3



Deuteranomaly
A3E6F2

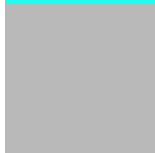


Tritanomaly
65F5F9

Monochromacy



Original Color
22FCEE



Achromatopsia
B9B9B9



Achromatomaly
82D1CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 22FCEE 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 #22FCEE looks like.

```
.text, #text, p{  
    color:#22FCEE  
}
```

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 #22FCEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22FCEE }  
}
```

Border

The CSS property to change the border of an element to Hex 22FCEE 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 #22FCEE }  
}
```

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

```
.border{ border-color:#22FCEE }
```

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

Here you see how a box with a 4 pixel #22FCEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22FCEE; -webkit-box-shadow:4px 4px  
4px 4px #22FCEE; box-shadow:4px 4px 4px  
4px #22FCEE }
```

Background

The CSS property to change the background color of an element to Hex 22FCEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22FCEE }
```

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

```
.background{ background-color:#22FCEE }
```

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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