

Converting Colors

Hex(22F7C7)

Have a look what the booklet for
Hex(22F7C7) contains.

| | |
|--|----|
| Hex(22F7C7) | 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(22F7C7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 22F7C7 |
| RGB | 34, 247, 199 |
| RGB Percent | 13%, 97%, 78% |
| CMY | 0.8667, 0.0314, 0.2196 |
| CMYK | 0.86, 0.00, 0.19, 0.03 |
| HSL | 166°, 93%, 55% |
| HSV | 166°, 86%, 97% |
| XYZ | 44.2293, 70.9851, 65.4032 |
| YIQ | 177.8410, -111.5400, -60.0840 |

Conversions

Conversions Part 2

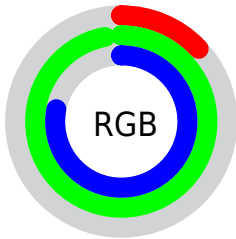
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 34, 154, 247 |
| Decimal | 2291655 |
| CIELab | 87.48, -58.56, 9.66 |
| CIELCh | 87, 59.356, 170.633 |
| Yxy | 70.9851, 0.2449, 0.3930 |
| Android (android.graphics.Color) | 4280481735 (0xFF22F7C7) |
| YUV | 177.8410, 10.4314, -126.1486 |
| Hunter-Lab | 84.2527, -53.7369, 12.9516 |

Details

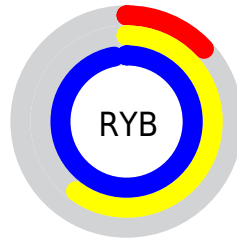
The Hex color **22F7C7** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F72252**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **7AFFFF**, and **00BD91** is the 20% darker color. If you saturate the color by 10%, you get **09F7C1**, and if you desaturate by 10%, it is **3BF7CD**.

Distribution



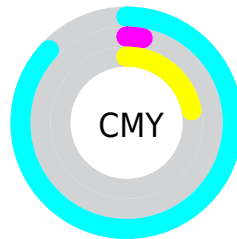
- Red (13%)
- Green (97%)
- Blue (78%)



- Red (13%)
- Yellow (60%)
- Blue (97%)



- Cyan (86%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)



- Cyan (87%)
- Magenta (3%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22F7C7 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 22F7C7 by changing the saturation by 10% instead.

 22F7C7

 22F7C7

FFFFFF

 00DAAC


 7AFFFF

 00BD91

 9CFFFF

 00A277

 BCFFFF

 00865F

 DCFFFF

 006C47

 FCFFFF

 005231

 003A1C

 002202

 000000

 22F7C7

 22F7C7

 09F7C1

 3BF7CD

 00F7BF

 53F7D2

 6CF7D8

 85F7DD

 9DF7E3

 B6F7E8

 CFF7EE

 E8F7F4

 FFF7F9

Harmonies

Analogous

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



94F091



22F7C7



00F8FF

Triad

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



22F7C7



C3D3FF



FFBD86

Complementary

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



22F7C7



F72252

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.



FFAEB6



22F7C7



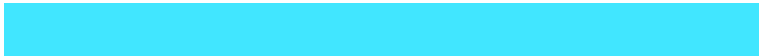
FFBDFD

Square

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



22F7C7



41E6FF



FFAEEF



FFD26A

Rectangle

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



22F7C7



00F5FF



FFAEEF



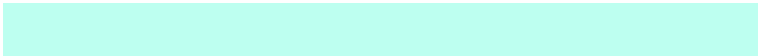
FFB794

Sweetspot

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



22F7C7



BDFFF0



54F722



588077



000000



808080

Same Dimension

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



22F7C7



00FFC6



22BEF7



6E7A78



00BA90



003B2D

Inverse Universe

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



F72252



FF0039



F75B22



7A6E71



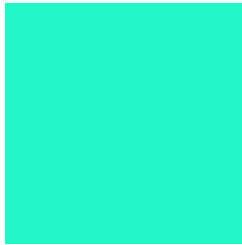
BA002A



3B000D

Previews

White Background



This preview shows how the Hex color 22F7C7 looks on a white background.

Color Contrast Check

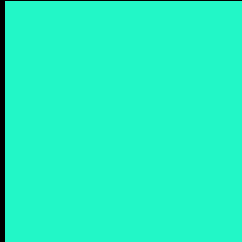
Large Text (above 18pt) WCAG AA × Fail

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 22F7C7 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

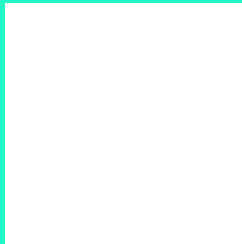
Any Text WCAG AAA ✓ Pass

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

Hex 22F7C7 Background



This preview shows how black text looks on a background with the Hex color 22F7C7.

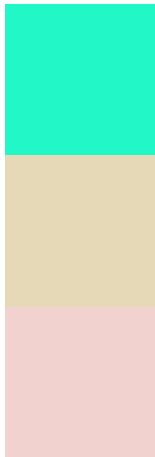


This preview shows how white text looks on a background with the Hex color 22F7C7.

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



Original Color
22F7C7

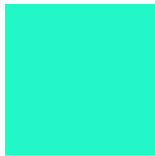
Protanopia
E5D9B8

Deuteranopia
F2D2CF

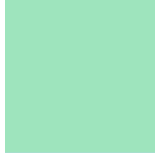


Tritanopia
66EDFF

Trichromacy



Original Color
22F7C7



Protanomaly
9EE4BD



Deuteranomaly
A6DFCC

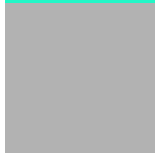


Tritanomaly
4DF1EB

Monochromacy



Original Color
22F7C7



Achromatopsia
B2B2B2



Achromatomaly
7ECBBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 22F7C7 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 #22F7C7 looks like.

```
.text, #text, p{  
    color:#22F7C7  
}
```

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 #22F7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22F7C7
}
```

Border

The CSS property to change the border of an element to Hex 22F7C7 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
#22F7C7 }
```

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

```
.border{ border-color:#22F7C7 }
```

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

Here you see how a box with a 4 pixel #22F7C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22F7C7; -webkit-box-shadow:4px 4px  
4px 4px #22F7C7; box-shadow:4px 4px 4px  
4px #22F7C7 }
```

Background

The CSS property to change the background color of an element to Hex 22F7C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22F7C7 }
```

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

```
.background{ background-color:#22F7C7 }
```

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