

Converting Colors

Hex(22F68F)

Have a look what the booklet for
Hex(22F68F) contains.

Hex(22F68F)	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(22F68F)

Conversions

Conversions Part 1

Format	Color
Hex	22F68F
RGB	34, 246, 143
RGB Percent	13%, 96%, 56%
CMY	0.8667, 0.0353, 0.4392
CMYK	0.86, 0.00, 0.42, 0.04
HSL	151°, 92%, 55%
HSV	151°, 86%, 96%
XYZ	38.5734, 68.2348, 37.1242
YIQ	170.8700, -93.2890, -76.9770

Conversions

Conversions Part 2

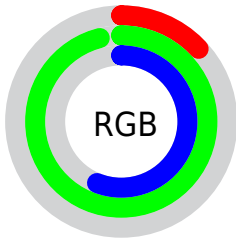
Format	Color
RYB	34, 174, 246
Decimal	2291343
CIELab	86.12, -70.00, 36.35
CIELCh	86, 78.880, 152.556
Yxy	68.2348, 0.2680, 0.4741
Android (android.graphics.Color)	4280481423 (0xFF22F68F)
YUV	170.8700, -13.7399, -120.0350
Hunter-Lab	82.6043, -61.2043, 31.1768

Details

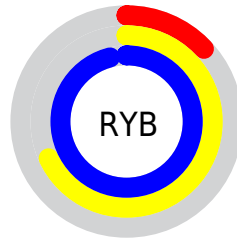
The Hex color **22F68F** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F62289**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **79FFC6**, and **00BC5B** is the 20% darker color. If you saturate the color by 10%, you get **09F683**, and if you desaturate by 10%, it is **3BF69B**.

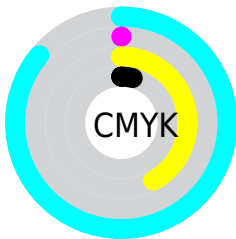
Distribution



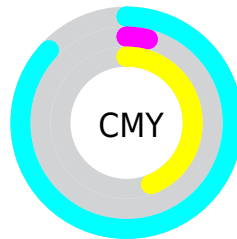
- Red (13%)
- Green (96%)
- Blue (56%)



- Red (13%)
- Yellow (68%)
- Blue (96%)



- Cyan (86%)
- Magenta (0%)
- Yellow (42%)
- Black (4%)



- Cyan (87%)
- Magenta (4%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22F68F 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 22F68F by changing the saturation by 10% instead.

 22F68F

FFFFFF

 79FFC6

 9AFFE2

 BAFFFF

 DAFFFF

 FAFFFF

 22F68F

 00D975

 00BC5B

 00A042

 00852A

 006A10

 005000

 003800

 001E00

 000000

 22F68F

 22F68F

 09F683

 3BF69B

 00F67E

 53F6A7

 6CF6B3

 84F6BF

 9DF6CB

 B6F6D7

 CEF6E3

 E7F6EF

 FFF6FB

Harmonies

Analogous

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



ACEA4E



22F68F



00FBDC

Triad

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



22F68F



00DEFF



FF9D8B

Complementary

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



22F68F



F62289

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.



FF90D4



22F68F



E1C1FF

Square

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



22F68F



00F1FF



FFA1FF



FFBA4F

Rectangle

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



22F68F



00FBFF



FFA1FF



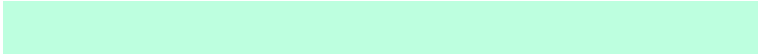
FF95A3

Sweetspot

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



22F68F



BDFDFD



8CF622



58806C



000000



808080

Same Dimension

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



22F68F



00FF83



22F6F6



6E7A74



00BA60



003B1E

Inverse Universe

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



F62289



FF007C



F62222



7A6E74



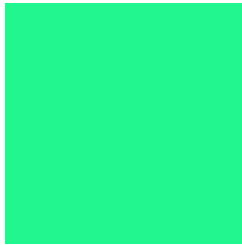
BA005A



3B001C

Previews

White Background



This preview shows how the Hex color 22F68F 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 22F68F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

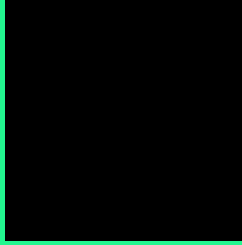
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

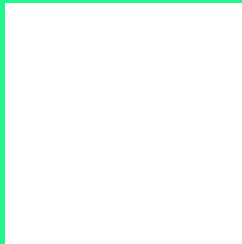
Any Text WCAG AAA ✓ Pass

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

Hex 22F68F Background



This preview shows how black text looks on a background with the Hex color 22F68F.

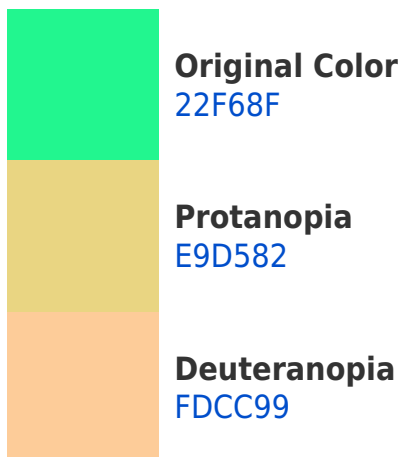


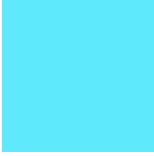
This preview shows how white text looks on a background with the Hex color 22F68F.

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
5FE9FC

Trichromacy



Original Color
22F68F



Protanomaly
A1E187



Deuteranomaly
ADD895

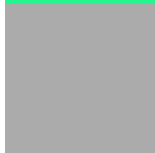


Tritanomaly
49EED4

Monochromacy



Original Color
22F68F



Achromatopsia
ABABAB



Achromatomaly
79C6A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 22F68F 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 #22F68F looks like.

```
.text, #text, p{  
  color:#22F68F  
}
```

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 #22F68F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22F68F
}
```

Border

The CSS property to change the border of an element to Hex 22F68F 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
#22F68F }
```

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

```
.border{ border-color:#22F68F }
```

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

Here you see how a box with a 4 pixel #22F68F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22F68F; -webkit-box-shadow:4px 4px  
4px 4px #22F68F; box-shadow:4px 4px 4px  
4px #22F68F }
```

Background

The CSS property to change the background color of an element to Hex 22F68F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22F68F }
```

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

```
.background{ background-color:#22F68F }
```

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