

# Converting Colors

Hex(22F398)

Have a look what the booklet for  
Hex(22F398) contains.

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# Color

Hex(22F398)

# Conversions

## Conversions Part 1

Format	Color
Hex	22F398
RGB	34, 243, 152
RGB Percent	13%, 95%, 60%
CMY	0.8667, 0.0471, 0.4039
CMYK	0.86, 0.00, 0.37, 0.05
HSL	154°, 90%, 54%
HSV	154°, 86%, 95%
XYZ	38.3778, 66.7083, 40.5590
YIQ	170.1350, -95.3530, -72.6090

# Conversions

## Conversions Part 2

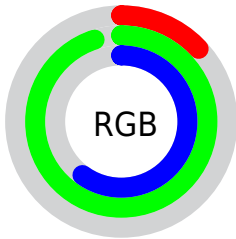
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 168, 243
Decimal	2290584
CIE <sub>Lab</sub>	85.36, -67.32, 30.85
CIE <sub>LCh</sub>	85, 74.053, 155.382
Yxy	66.7083, 0.2635, 0.4580
Android (android.graphics.Color)	4280480664 (0xFF22F398)
YUV	170.1350, -8.9406, -119.3904
Hunter-Lab	81.6751, -59.0573, 27.7298

# Details

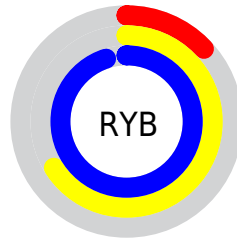
The Hex color **22F398** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F3227D**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **78FFCF**, and **00B964** is the 20% darker color. If you saturate the color by 10%, you get **0AF38D**, and if you desaturate by 10%, it is **3AF3A3**.

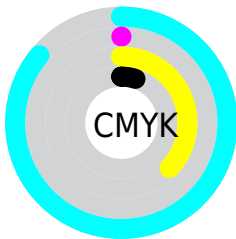
# Distribution



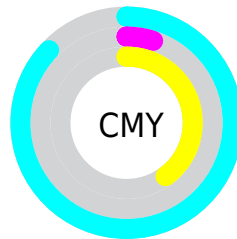
- Red (13%)
- Green (95%)
- Blue (60%)



- Red (13%)
- Yellow (66%)
- Blue (95%)



- Cyan (86%)
- Magenta (0%)
- Yellow (37%)
- Black (5%)



- Cyan (87%)
- Magenta (5%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22F398 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 22F398 by changing the saturation by 10% instead.



 22F398

 22F398

FFFFFF

 00D67E

 78FFCF

 00B964

 99FFEB

 009D4B

 B9FFFF

 008233

 D9FFFF

 00671C

 F9FFFF

 004E03

 003600

 001B00

 000000

 22F398

 22F398

 0AF38D

 3AF3A3

 00F389

 53F3AD

 6BF3B8

 83F3C2

 9BF3CD

 B4F3D7

 CCF3E2

 E4F3ED

 FDF3F7

# Harmonies

## Analogous

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



A6E85B



22F398



00F7E0

# Triad

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



22F398



54D9FF



FFA188

# Complementary

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



22F398



F3227D

# 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.



FF94CB



22F398



E9BDFE

# Square

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



22F398



00ECFF



FFA1FF



FFBC53

# Rectangle

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



22F398



00F7FF



FFA1FF



FF9B9D

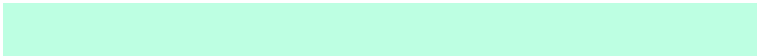


# Sweetspot

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



22F398



BDFFE2



80F322



58806E



000000



808080



# Same Dimension

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



22F398



00FF90



22E9F3



6E7A75



00BA69



003B21



# Inverse Universe

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



F3227D



FF006F



F32C22



7A6E73



BA0051

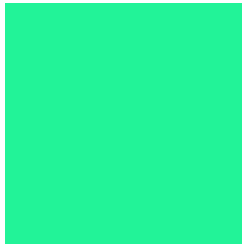


3B001A



# Previews

## White Background



This preview shows how the Hex color 22F398 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 22F398 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

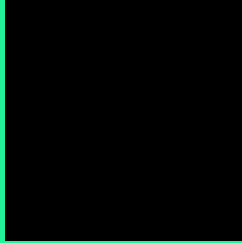
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 22F398 Background



This preview shows how black text looks on a background with the Hex color 22F398.

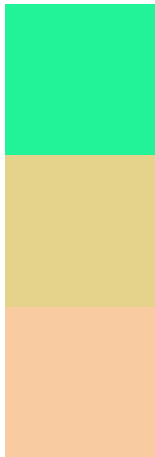


This preview shows how white text looks on a background with the Hex color 22F398.

# 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](#).

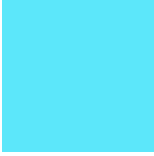
## Dichromacy



**Original Color**  
22F398

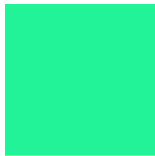
**Protanopia**  
E5D38B

**Deuteranopia**  
F8CBA1



**Tritanopia**  
5CE7FA

# Trichromacy



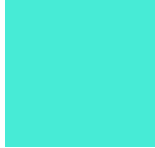
**Original Color**  
22F398



**Protanomaly**  
9EDF90



**Deuteranomaly**  
AADA9E



**Tritanomaly**  
47EBD6

# Monochromacy



**Original Color**  
22F398



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
79C5A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22F398 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 #22F398 looks like.

```
.text, #text, p{  
    color:#22F398  
}
```

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 #22F398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22F398
}
```

## Border

The CSS property to change the border of an element to Hex 22F398 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
#22F398 }
```

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

```
.border{ border-color:#22F398 }
```

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

Here you see how a box with a 4 pixel #22F398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22F398; -webkit-box-shadow:4px 4px  
4px 4px #22F398; box-shadow:4px 4px 4px  
4px #22F398 }
```

# Background

The CSS property to change the background color of an element to Hex 22F398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22F398 }
```

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

```
.background{ background-color:#22F398 }
```

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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