

Converting Colors

Hex(8BF2F2)

Have a look what the booklet for
Hex(8BF2F2) contains.

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Color

Hex(8BF2F2)

Conversions

Conversions Part 1

Format	Color
Hex	8BF2F2
RGB	139, 242, 242
RGB Percent	55%, 95%, 95%
CMY	0.4549, 0.0510, 0.0510
CMYK	0.43, 0.00, 0.00, 0.05
HSL	180°, 80%, 75%
HSV	180°, 43%, 95%
XYZ	58.4266, 75.4040, 95.4794
YIQ	211.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

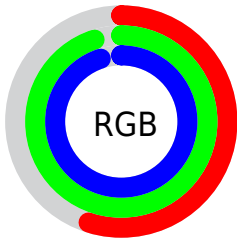
Format	Color
R_{YB}	139, 191, 242
Decimal	9171698
CIE _{Lab}	89.58, -29.96, -9.39
CIE _{LCh}	90, 31.397, 197.409
Y _{xy}	75.4040, 0.2548, 0.3288
Android (android.graphics.Color)	4287361778 (0xFF8BF2F2)
YUV	211.2030, 15.1829, -63.3220
Hunter-Lab	86.8355, -31.8597, -4.4071

Details

The Hex color **8BF2F2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F28B8B**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **C6FFFF**, and **50BABA** is the 20% darker color. If you saturate the color by 10%, you get **73F2F2**, and if you desaturate by 10%, it is **A3F2F2**.

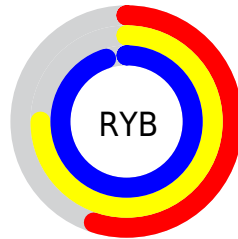
Distribution



Red (55%)

Green (95%)

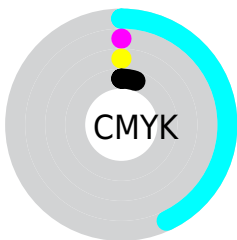
Blue (95%)



Red (55%)

Yellow (75%)

Blue (95%)

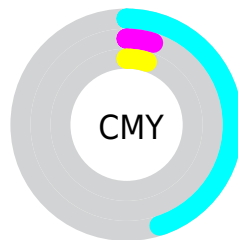


Cyan (43%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (45%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BF2F2 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 8BF2F2 by changing the saturation by 10% instead.

 8BF2F2

FFFFFF

 C6FFFF

 E3FFFF

 8BF2F2


 6ED5D6

 50BABA

 2E9E9F

 008485

 006A6C

 005253

 003A3C

 002527

 000113

 8BF2F2

 8BF2F2

 73F2F2

 A3F2F2

 5BF2F2

 BBF2F2

 42F2F2

 D4F2F2

 2AF2F2

 ECF2F2

 12F2F2

 FFF2F2

 00F2F2

Harmonies

Analogous

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



A2F1D3



8BF2F2



8DEFFF

Triad

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



8BF2F2



FBD4FF



FFDBA7

Complementary

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



8BF2F2



F28B8B

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.



FFD1B6



8BF2F2



FFCDEF

Square

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



8BF2F2



D5DEFF



FFCCD1



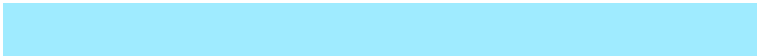
E5E5A8

Rectangle

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



8BF2F2



9FEBFF



FFCCD1



FFD8AB

Sweetspot

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



8BF2F2



DEFFFF



8BF28B



6B8080



000000



808080

Same Dimension

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



8BF2F2



7DFFFF



8BBEF2



6C7878



00B8B8



003838

Inverse Universe

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



F28BF2



FF7DFF



F2BE8B



786C78



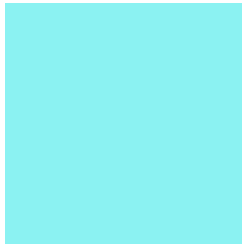
B800B8



380038

Previews

White Background



This preview shows how the Hex color 8BF2F2 looks on a white background.

Color Contrast Check

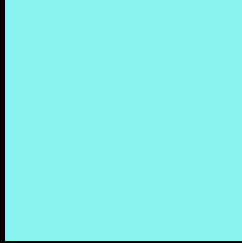
Large Text (above 18pt) WCAG AA × Fail

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 8BF2F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

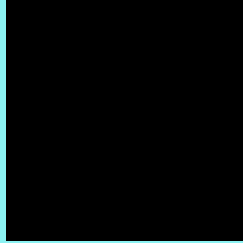
Any Text WCAG AA ✓ Pass

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 8BF2F2 Background



This preview shows how black text looks on a background with the Hex color 8BF2F2.

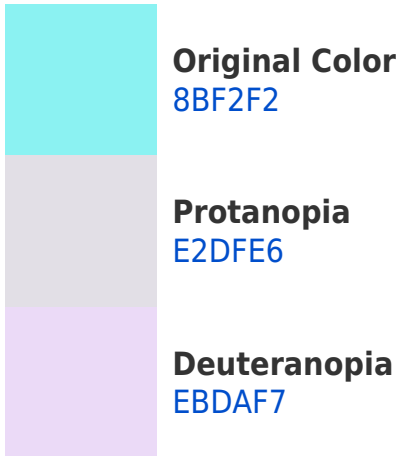


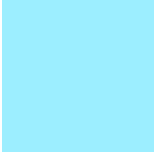
This preview shows how white text looks on a background with the Hex color 8BF2F2.

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



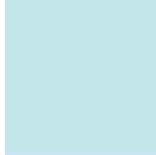


Tritanopia
9CEEFF

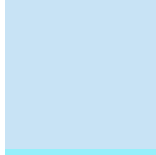
Trichromacy



Original Color
8BF2F2



Protanomaly
C2E6EA



Deuteranomaly
C8E3F5

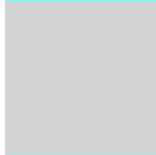


Tritanomaly
96EFFA

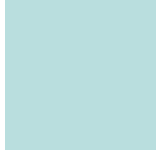
Monochromacy



Original Color
8BF2F2



Achromatopsia
D3D3D3



Achromatomaly
B9DEDE

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BF2F2 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 #8BF2F2 looks like.

```
.text, #text, p{  
    color:#8BF2F2  
}
```

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 #8BF2F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BF2F2
}
```

Border

The CSS property to change the border of an element to Hex 8BF2F2 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
#8BF2F2 }
```

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

```
.border{ border-color:#8BF2F2 }
```

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

Here you see how a box with a 4 pixel #8BF2F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BF2F2; -webkit-box-shadow:4px 4px  
4px 4px #8BF2F2; box-shadow:4px 4px 4px  
4px #8BF2F2 }
```

Background

The CSS property to change the background color of an element to Hex 8BF2F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BF2F2 }
```

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

```
.background{ background-color:#8BF2F2 }
```

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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