Converting Colors

Hex(9BF4F2)

Have a look what the booklet for Hex(9BF4F2) contains.

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Color

Hex(9BF4F2)

Conversions

Conversions Part 1

Format	Color
Hex	9BF4F2
RGB	155, 244, 242
RGB Percent	61%, 96%, 95%
CMY	0.3922, 0.0431, 0.0510
CMYK	0.36, 0.00, 0.01, 0.04
HSL	179°, 80%, 78%
HSV	179°, 36%, 96%
XYZ	61.8953, 78.0807, 95.8133
YIQ	217.1610, -52.4020, -19.4900

Conversions

Conversions Part 2

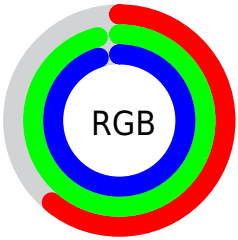
Format	Color
RYB	155, 200, 244
Decimal	10220786
CIELab	90.82, -27.03, -7.49
CIELCh	91, 28.047, 195.483
Yxy	78.0807, 0.2625, 0.3311
Android (android.graphics.Color)	4288410866 (0xFF9BF4F2)
YUV	217.1610, 12.2456, -54.5152
Hunter-Lab	88.3633, -29.6031, -2.4345

Details

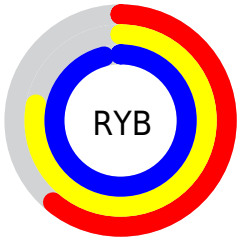
The Hex color 9BF4F2 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be F49B9D, and the grayscale version is D9D9D9.

A 20% lighter version of the original color is D5FFFF, and 62BCBA is the 20% darker color. If you saturate the color by 10%, you get 83F4F1, and if you desaturate by 10%, it is B3F4F3.

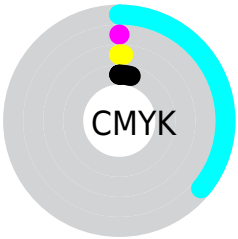
Distribution



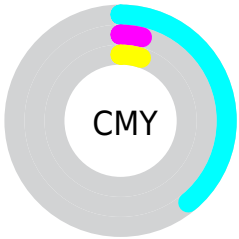
- Red (61%)
- Green (96%)
- Blue (95%)



- Red (61%)
- Yellow (78%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (39%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BF4F2 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 9BF4F2 by changing the saturation by 10% instead.

9BF4F2	9BF4F2
FFFFFF	7FD7D6
D5FFFF	62BCBA
F2FFFF	46A09F
	258685
	006C6C
	005454
	003C3C
	002627
	000613

9BF4F2	9BF4F2
83F4F1	B3F4F3
6AF4F1	CCF4F3
52F4F0	E4F4F4
39F4F0	FDF4F4
21F4EF	FFF4F5
09F4EF	FFF4F6
00F4EF	FFF4F7

Harmonies

Analogous

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

AFF3D6

9BF4F2

9CF1FF

Triad

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

9BF4F2

FAD9FF

FFDEB1

Complementary

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

9BF4F2

F49B9D

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.

FFD6C0

9BF4F2

FFD3F3

Square

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

9BF4F2

D8E2FF

FFD2D8

EAE7B1

Rectangle

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

9BF4F2

AAEDFF

FFD2D8

FFDCB5

Sweetspot

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

9BF4F2

E3FFFE

9EF49B

6F807F

000000

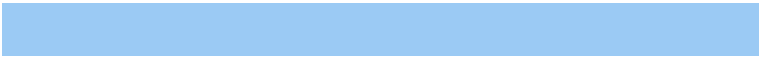
808080

Same Dimension

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

9BF4F2

8FFFFC



9BCAF4

6E7A7A

00BAB6

003B39

Inverse Universe

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

F49B9D

FF8F91

F4C59B

7A6E6E

BA0004

3B0001

Previews

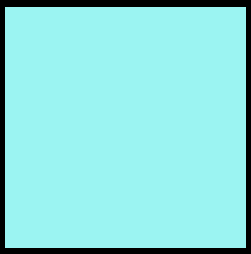
White Background

This preview shows how the Hex color 9BF4F2 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



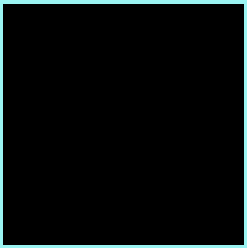
This preview shows how the Hex color 9BF4F2 looks on a black background.

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 9BF4F2 Background



This preview shows how black text looks on a background with the Hex color 9BF4F2.

This preview shows how white text looks on a background with the Hex color 9BF4F2.

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
9BF4F2

Protanopia
E6E2E8

Deuteranopia
F1DDF7

Tritanopia
AEEFFF

Trichromacy

Original Color
9BF4F2

Protanomaly
CBE9EC

Deuteranomaly
D2E5F5

Tritanomaly
A7F1FA

Monochromacy

Original Color
9BF4F2

Achromatopsia
D9D9D9

Achromatomaly
C2E3E2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BF4F2 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 #9BF4F2 looks like.

```
.text, #text, p{
    color:#9BF4F2
}
```

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 #9BF4F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF4F2
}
```

Border

The CSS property to change the border of an element to Hex 9BF4F2 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
#9BF4F2 }
```

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

```
.border{ border-color:#9BF4F2 }
```

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

Here you see how a box with a 4 pixel #9BF4F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #9BF4F2; -webkit-box-shadow:4px 4px 4px 4px #9BF4F2; box-shadow:4px 4px 4px 4px #9BF4F2 }
```

Background

The CSS property to change the background color of an element to Hex 9BF4F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#9BF4F2 }
```

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

```
.background{ background-color:#9BF4F2 }
```

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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