

Converting Colors

Hex(90F1CB)

Have a look what the booklet for
Hex(90F1CB) contains.

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Color

Hex(90F1CB)

Conversions

Conversions Part 1

Format	Color
Hex	90F1CB
RGB	144, 241, 203
RGB Percent	56%, 95%, 80%
CMY	0.4353, 0.0549, 0.2039
CMYK	0.40, 0.00, 0.16, 0.05
HSL	156°, 78%, 75%
HSV	156°, 40%, 95%
XYZ	53.7364, 73.1517, 67.7874
YIQ	207.6650, -45.6140, -32.3820

Conversions

Conversions Part 2

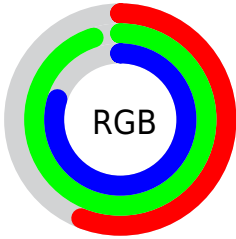
Format	Color
RYB	144, 204, 241
Decimal	9499083
CIELab	88.52, -37.08, 9.43
CIELCh	89, 38.257, 165.728
Yxy	73.1517, 0.2760, 0.3758
Android (android.graphics.Color)	4287689163 (0xFF90F1CB)
YUV	207.6650, -2.2998, -55.8342
Hunter-Lab	85.5288, -37.5265, 12.8787

Details

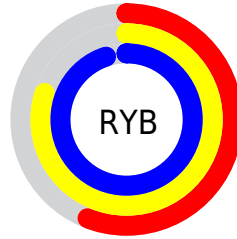
The Hex color **90F1CB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F190B6**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **C9FFFF**, and **58B895** is the 20% darker color. If you saturate the color by 10%, you get **78F1C2**, and if you desaturate by 10%, it is **A8F1D4**.

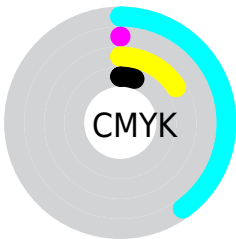
Distribution



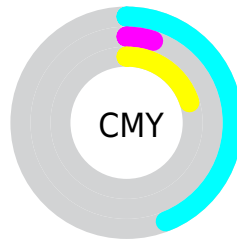
- Red (56%)
- Green (95%)
- Blue (80%)



- Red (56%)
- Yellow (80%)
- Blue (95%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)



- Cyan (44%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90F1CB 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 90F1CB by changing the saturation by 10% instead.

 90F1CB

 90F1CB

FFFFFF

 74D4B0

 C9FFFF

 58B895

 E6FFFF

 3B9D7B

 188362

 00694A

 005034

 00381E

 002406

 000000

 90F1CB

 90F1CB

 78F1C2

 A8F1D4

 60F1B8

 C0F1DE

 48F1AF

 D8F1E7

 30F1A5

 F0F1F1

 17F19C

 FFF1FA

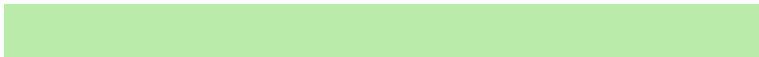
 00F193

 FFF1FF

Harmonies

Analogous

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



BBEBA4



90F1CB



6CF2F1

Triad

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



90F1CB



CBDBFF



FFCAAC

Complementary

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



90F1CB



F190B6

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.



FFC3CC



90F1CB



FBCEFF

Square

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



90F1CB



93E7FF



FFC5F1



FFD698

Rectangle

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



90F1CB



65F0FF



FFC5F1



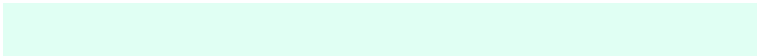
FFC7B5

Sweetspot

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



90F1CB



E0FFF3



B7F190



6E8079



000000



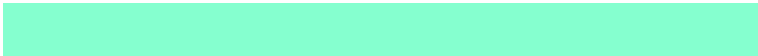
808080

Same Dimension

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



90F1CB



85FFCF



90E7F1



6C7873



00B870



003822

Inverse Universe

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



F190B6



FF85B5



F19A90



786C71



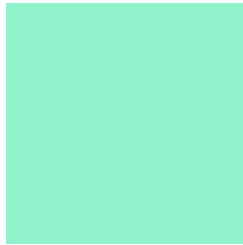
B80048



380016

Previews

White Background



This preview shows how the Hex color 90F1CB looks on a white background.

Color Contrast Check

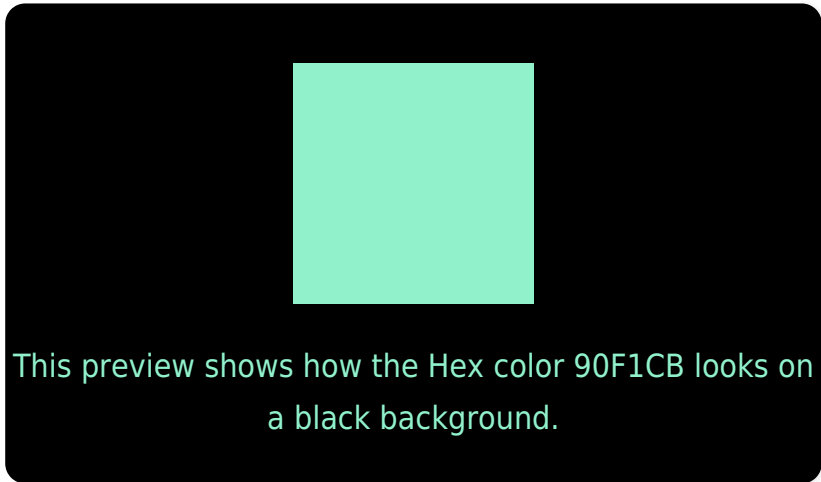
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

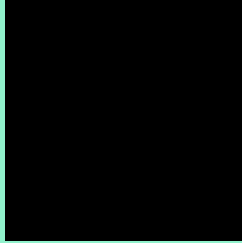
Any Text WCAG AA ✓ Pass

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 90F1CB Background



This preview shows how black text looks on a background with the Hex color 90F1CB.

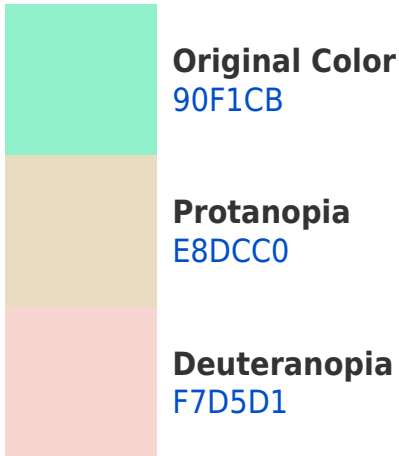


This preview shows how white text looks on a background with the Hex color 90F1CB.

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](#).

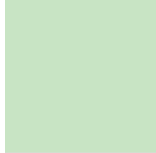
Dichromacy



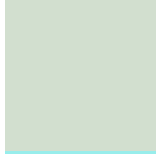
Trichromacy



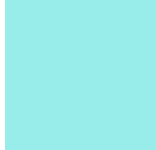
Original Color
90F1CB



Protanomaly
C8E4C4

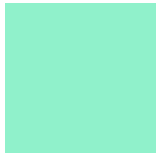


Deuteranomaly
D2DFCF

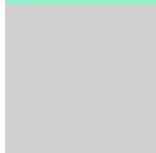


Tritanomaly
98EDEB

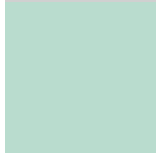
Monochromacy



Original Color
90F1CB



Achromatopsia
D0D0D0



Achromatomaly
B9DCCE

CSS Examples

Text

The CSS property to change the color of the text to Hex 90F1CB 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 #90F1CB looks like.

```
.text, #text, p{  
    color:#90F1CB  
}
```

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 #90F1CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90F1CB
}
```

Border

The CSS property to change the border of an element to Hex 90F1CB 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
#90F1CB }
```

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

```
.border{ border-color:#90F1CB }
```

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

Here you see how a box with a 4 pixel #90F1CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90F1CB; -webkit-box-shadow:4px 4px  
4px 4px #90F1CB; box-shadow:4px 4px 4px  
4px #90F1CB }
```

Background

The CSS property to change the background color of an element to Hex 90F1CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90F1CB }
```

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

```
.background{ background-color:#90F1CB }
```

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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