

Converting Colors

Hex(90FFDC)

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

Hex(90FFDC)	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(90FFDC)

Conversions

Conversions Part 1

Format	Color
Hex	90FFDC
RGB	144, 255, 220
RGB Percent	56%, 100%, 86%
CMY	0.4353, 0.0000, 0.1373
CMYK	0.44, 0.00, 0.14, 0.00
HSL	161°, 100%, 78%
HSV	161°, 44%, 100%
XYZ	60.1799, 82.6166, 80.4849
YIQ	217.8210, -54.9210, -34.4170

Conversions

Conversions Part 2

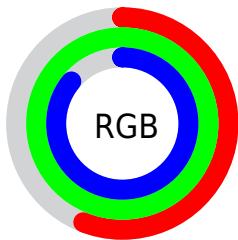
Format	Color
RYB	144, 210, 255
Decimal	9502684
CIELab	92.85, -39.82, 6.83
CIELCh	93, 40.401, 170.265
Yxy	82.6166, 0.2695, 0.3700
Android (android.graphics.Color)	4287692764 (0xFF90FFDC)
YUV	217.8210, 1.0742, -64.7410
Hunter-Lab	90.8937, -40.8807, 11.1252

Details

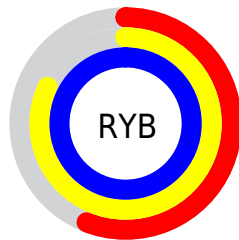
The Hex color **90FFDC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF90B3**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **CAFFFF**, and **56C6A5** is the 20% darker color. If you saturate the color by 10%, you get **77FFD4**, and if you desaturate by 10%, it is **AAFFE4**.

Distribution



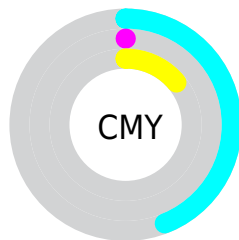
- Red (56%)
- Green (100%)
- Blue (86%)



- Red (56%)
- Yellow (82%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 90FFDC

 90FFDC

FFFFFF

 73E2C0

 CAFFFF

 56C6A5

 E8FFFF

 36AA8B

 058F71

 007559

 005C41

 00432B

 002C17

 001200

 90FFDC

 90FFDC

 77FFD4

 AAFFE4

 5DFFCC

 C3FFEC

 43FFC4

 DDFFF4

 2AFFBC

 F6FFFC

 10FFB4

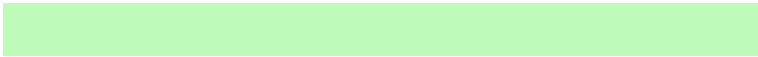
FFFFFF

 00FFAF

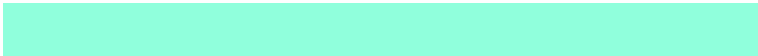
Harmonies

Analogous

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



BEFAB8



90FFDC



6CFFFF

Triad

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



90FFDC



DEE5FF



FFD7B0

Complementary

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



90FFDC



FF90B3

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.



FFCED1



90FFDC



FFD7FF

Square

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



90FFDC



A3F2FF



FFCEF9



FFE49E

Rectangle

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



90FFDC



69FDFF



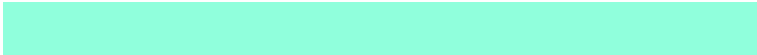
FFCEF9



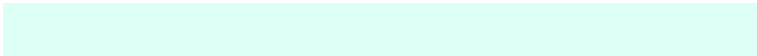
FFD3BA

Sweetspot

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



90FFDC



DEFFF5



B3FF90



6B8079



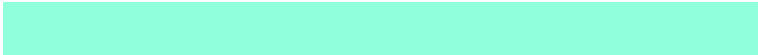
000000



808080

Same Dimension

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



90FFDC



7AFFD5



90EBFF



73807B



00BF83



00402C

Inverse Universe

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



FF90B3



FF7AA4



FFA490



807377



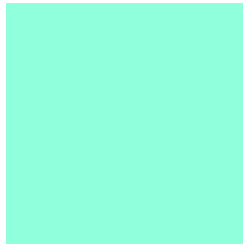
BF003C



400014

Previews

White Background



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

Color Contrast Check

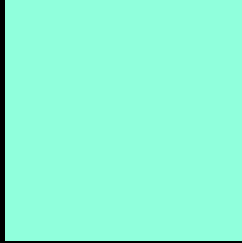
Large Text (above 18pt) WCAG AA × Fail

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 90FFDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

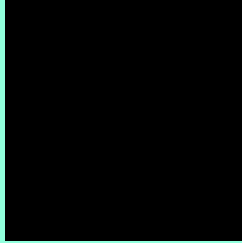
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

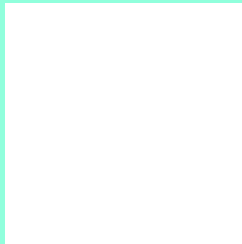
Any Text WCAG AAA ✓ Pass

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

Hex 90FFDC Background



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

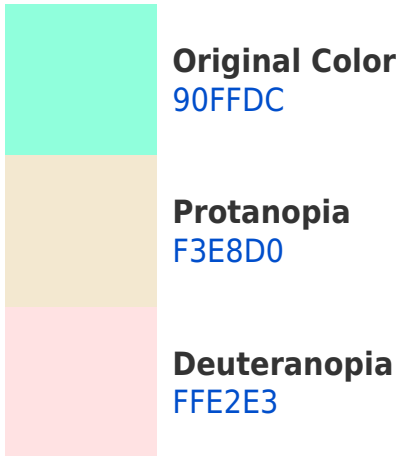


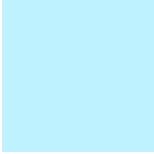
This preview shows how white text looks on a background with the Hex color 90FFDC.

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
BFF2FF

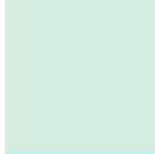
Trichromacy



Original Color
90FFDC



Protanomaly
CFF0D4



Deuteranomaly
D7EDE0

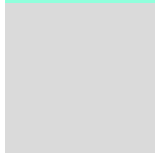


Tritanomaly
AEF7F2

Monochromacy



Original Color
90FFDC



Achromatopsia
DADADA



Achromatomaly
BFE7DB

CSS Examples

Text

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

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

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 #90FFDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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