

Converting Colors

Hex(90FDE3)

Have a look what the booklet for
Hex(90FDE3) contains.

Hex(90FDE3)	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(90FDE3)

Conversions

Conversions Part 1

Format	Color
Hex	90FDE3
RGB	144, 253, 227
RGB Percent	56%, 99%, 89%
CMY	0.4353, 0.0078, 0.1098
CMYK	0.43, 0.00, 0.10, 0.01
HSL	166°, 96%, 78%
HSV	166°, 43%, 99%
XYZ	60.4920, 81.7259, 85.2595
YIQ	217.4450, -56.6180, -31.1940

Conversions

Conversions Part 2

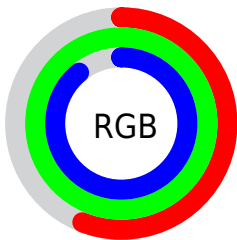
Format	Color
RYB	144, 206, 253
Decimal	9502179
CIELab	92.45, -37.39, 2.65
CIELCh	92, 37.479, 175.950
Yxy	81.7259, 0.2659, 0.3593
Android (android.graphics.Color)	4287692259 (0xFF90FDE3)
YUV	217.4450, 4.7106, -64.4113
Hunter-Lab	90.4024, -38.7624, 7.3646

Details

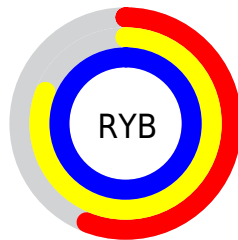
The Hex color **90FDE3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FD90AA**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **CAFFFF**, and **56C4AC** is the 20% darker color. If you saturate the color by 10%, you get **77FDDD**, and if you desaturate by 10%, it is **A9FDE9**.

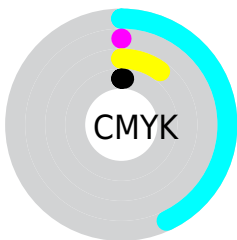
Distribution



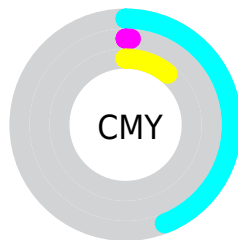
- Red (56%)
- Green (99%)
- Blue (89%)



- Red (56%)
- Yellow (81%)
- Blue (99%)



- Cyan (43%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



- Cyan (44%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90FDE3 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 90FDE3 by changing the saturation by 10% instead.

 90FDE3

FFFFFF

 CAFFFF

 E8FFFF

 90FDE3

 73E0C7

 56C4AC

 36A891

 058D78

 00735F

 005A47

 004231

 002B1C

 001002

 90FDE3

 90FDE3

 77FDDD

 A9FDE9

 5DFDD7

 C3FDEF

 44FDD1

 DCFDF5

 2BFDCB

 F5FDFB

 11FDC5

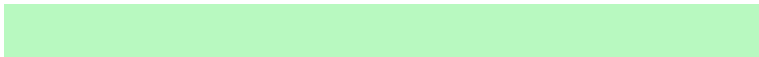
 FFFDFF

 00FDC1

Harmonies

Analogous

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



B8F9C0



90FDE3



77FDFF

Triad

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



90FDE3



E8E2FF



FFD9AF

Complementary

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



90FDE3



FD90AA

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.



FFD0CC



90FDE3



FFD6FF

Square

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



90FDE3



B3EEFF



FFCFF0



FFE5A2

Rectangle

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



90FDE3



7BFAFF



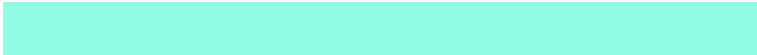
FFCFF0



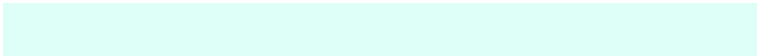
FFD6B7

Sweetspot

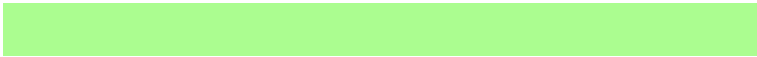
The Sweet Spot groups the original color and five complimentary colors.



90FDE3



DEFFF7



ABFD90



6B807B



000000



808080

Same Dimension

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



90FDE3



7AFFDF



90E2FD



73807C



00BF92



004031

Inverse Universe

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



FD90AA



FF7A9A



FDAB90



807376



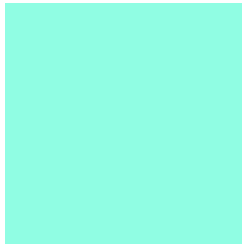
BF002E



40000F

Previews

White Background



This preview shows how the Hex color 90FDE3 looks on a white background.

Color Contrast Check

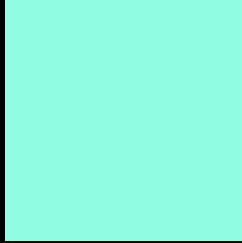
Large Text (above 18pt) WCAG AA × Fail

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 90FDE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

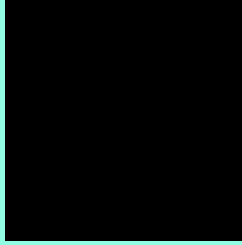
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

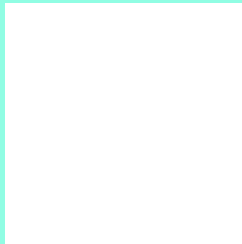
Any Text WCAG AAA ✓ Pass

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

Hex 90FDE3 Background



This preview shows how black text looks on a background with the Hex color 90FDE3.

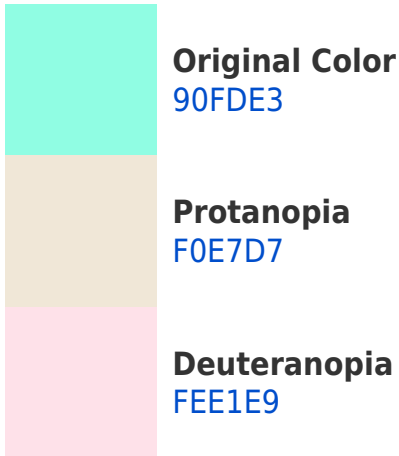


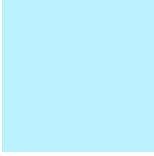
This preview shows how white text looks on a background with the Hex color 90FDE3.

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
BBF2FF

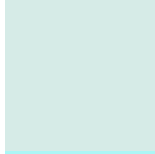
Trichromacy



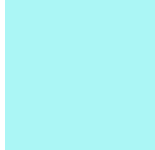
Original Color
90FDE3



Protanomaly
CDEFDB



Deuteranomaly
D6EBE7

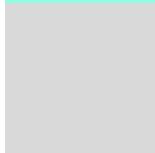


Tritanomaly
ABF6F5

Monochromacy



Original Color
90FDE3



Achromatopsia
D9D9D9



Achromatomaly
BEE6DD

CSS Examples

Text

The CSS property to change the color of the text to Hex 90FDE3 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 #90FDE3 looks like.

```
.text, #text, p{  
    color:#90FDE3  
}
```

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 #90FDE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90FDE3
}
```

Border

The CSS property to change the border of an element to Hex 90FDE3 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
#90FDE3 }
```

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

```
.border{ border-color:#90FDE3 }
```

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

Here you see how a box with a 4 pixel #90FDE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90FDE3; -webkit-box-shadow:4px 4px  
4px 4px #90FDE3; box-shadow:4px 4px 4px  
4px #90FDE3 }
```

Background

The CSS property to change the background color of an element to Hex 90FDE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90FDE3 }
```

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

```
.background{ background-color:#90FDE3 }
```

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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