

# Converting Colors

Hex(90F5D5)

Have a look what the booklet for  
Hex(90F5D5) contains.

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**Color**

**Hex(90F5D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90F5D5
RGB	144, 245, 213
RGB Percent	56%, 96%, 84%
CMY	0.4353, 0.0392, 0.1647
CMYK	0.41, 0.00, 0.13, 0.04
HSL	161°, 83%, 76%
HSV	161°, 41%, 96%
XYZ	56.1642, 76.0382, 74.6675
YIQ	211.1530, -49.9240, -31.3640

# Conversions

## Conversions Part 2

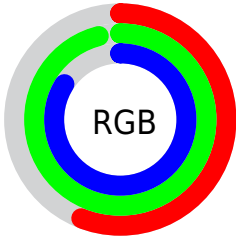
Format	Color
<b>RYB</b>	144, 204, 245
Decimal	9500117
CIELab	89.88, -36.79, 6.18
CIElCh	90, 37.306, 170.467
Yxy	76.0382, 0.2715, 0.3676
Android (android.graphics.Color)	4287690197 (0xFF90F5D5)
YUV	211.1530, 0.9106, -58.8932
Hunter-Lab	87.1999, -37.6304, 10.2711

# Details

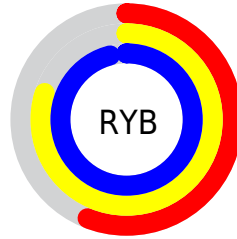
The Hex color **90F5D5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F590B0**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **CAFFFF**, and **57BC9E** is the 20% darker color. If you saturate the color by 10%, you get **78F5CD**, and if you desaturate by 10%, it is **A9F5DD**.

# Distribution



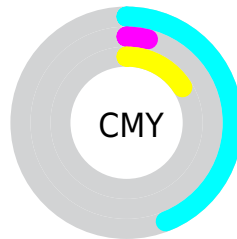
- Red (56%)
- Green (96%)
- Blue (84%)



- Red (56%)
- Yellow (80%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (44%)
- Magenta (4%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90F5D5 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 90F5D5 by changing the saturation by 10% instead.



 90F5D5

FFFFFF

 CAFFFF

 E7FFFF

 90F5D5

 74D8B9

 57BC9E

 39A184

 13866B

 006C53

 00533C

 003B26

 002612

 000000

 90F5D5

 90F5D5

 78F5CD

 A9F5DD

 5FF5C5

 C1F5E5

 46F5BE

 DAF5EC

 2EF5B6

 F2F5F4

 15F5AE

 FFF5FC

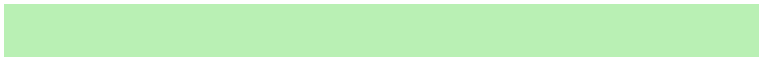
 00F5A7

 FFF5FF

# Harmonies

## Analogous

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



B9F0B4



90F5D5



72F5FA

# Triad

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



90F5D5



D7DDFF



FFD0AC

# Complementary

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



90F5D5



F590B0

# 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.



FFC8CB



90F5D5



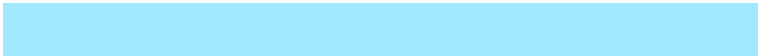
FFD1FF

# Square

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



90F5D5



A2E9FF



FFC8EF



FFDC9C

# Rectangle

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



90F5D5



70F3FF



FFC8EF



FFCDB5

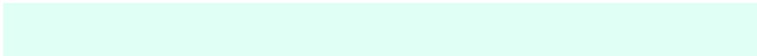


# Sweetspot

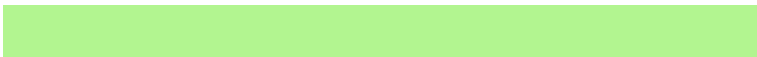
The Sweet Spot groups the original color and five complimentary colors.



90F5D5



E0FFF5



B2F590



6E807A



000000



808080

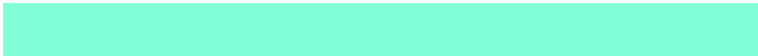


# Same Dimension

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



90F5D5



82FFD7



90E4F5



6E7A77



00BA7F



003B28



# Inverse Universe

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



F590B0



FF82AA



F5A190



7A6E72



BA003B

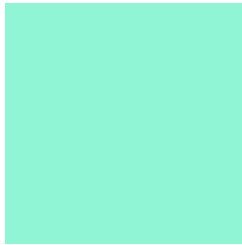


3B0013



# Previews

## White Background



This preview shows how the Hex color 90F5D5 looks on a white background.

## Color Contrast Check

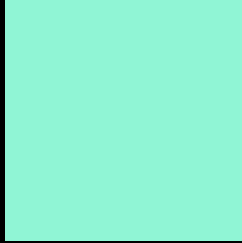
Large Text (above 18pt) WCAG AA × Fail

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 90F5D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

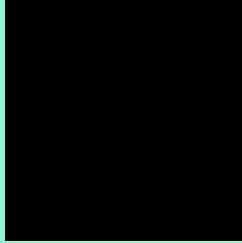
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90F5D5 Background



This preview shows how black text looks on a background with the Hex color 90F5D5.

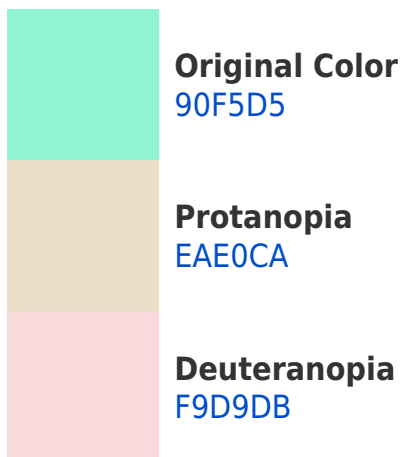


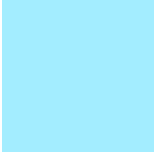
This preview shows how white text looks on a background with the Hex color 90F5D5.

# 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**  
A3EDFF

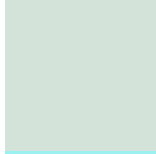
# Trichromacy



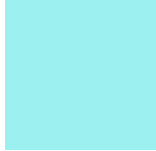
**Original Color**  
90F5D5



**Protanomaly**  
C9E8CE

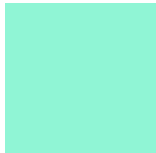


**Deuteranomaly**  
D3E3D9

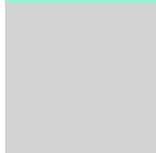


**Tritanomaly**  
9CF0F0

# Monochromacy



**Original Color**  
90F5D5



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
BBDFD4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90F5D5 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 #90F5D5 looks like.

```
.text, #text, p{  
    color:#90F5D5  
}
```

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 #90F5D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90F5D5
}
```

## Border

The CSS property to change the border of an element to Hex 90F5D5 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
#90F5D5 }
```

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

```
.border{ border-color:#90F5D5 }
```

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

Here you see how a box with a 4 pixel #90F5D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90F5D5; -webkit-box-shadow:4px 4px  
4px 4px #90F5D5; box-shadow:4px 4px 4px  
4px #90F5D5 }
```

# Background

The CSS property to change the background color of an element to Hex 90F5D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90F5D5 }
```

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

```
.background{ background-color:#90F5D5 }
```

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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