

# Converting Colors

Hex(91F2D6)

Have a look what the booklet for  
Hex(91F2D6) contains.

<b>Hex(91F2D6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(91F2D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91F2D6
RGB	145, 242, 214
RGB Percent	57%, 95%, 84%
CMY	0.4314, 0.0510, 0.1608
CMYK	0.40, 0.00, 0.12, 0.05
HSL	163°, 79%, 76%
HSV	163°, 40%, 95%
XYZ	55.5668, 74.3790, 75.0462
YIQ	209.8050, -48.8240, -29.2720

# Conversions

## Conversions Part 2

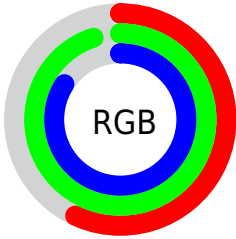
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	145, 202, 242
Decimal	9564886
CIE Lab	89.10, -34.94, 4.54
CIE LCh	89, 35.234, 172.592
Yxy	74.3790, 0.2711, 0.3628
Android (android.graphics.Color)	4287754966 (0xFF91F2D6)
YUV	209.8050, 2.0681, -56.8340
Hunter-Lab	86.2433, -35.9177, 8.7780

# Details

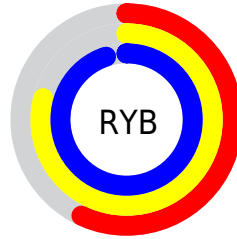
The Hex color **91F2D6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F291AD**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **CAFFFF**, and **58B99F** is the 20% darker color. If you saturate the color by 10%, you get **79F2CF**, and if you desaturate by 10%, it is **A9F2DD**.

# Distribution



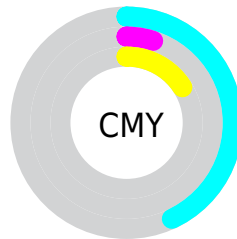
- Red (57%)
- Green (95%)
- Blue (84%)



- Red (57%)
- Yellow (79%)
- Blue (95%)



- Cyan (40%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (43%)
- Magenta (5%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91F2D6 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 91F2D6 by changing the saturation by 10% instead.



 91F2D6

 91F2D6

FFFFFF

 75D5BA

 CAFFFF

 58B99F

 E8FFFF

 3B9E85

 17846C

 006A54

 00513D

 003927

 002512

 000000

 91F2D6

 91F2D6

 79F2CF

 A9F2DD

 61F2C8

 C1F2E4

 48F2C1

 DAF2EB

 30F2BA

 F2F2F2

 18F2B3

 FFF2F9

 00F2AC

 FFF2FF

# Harmonies

## Analogous

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



B7EEB6



91F2D6



78F2F8

# Triad

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



91F2D6



D9DAFF



FFD0AC

# Complementary

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



91F2D6



F291AD

# 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.



FFC8C8



91F2D6



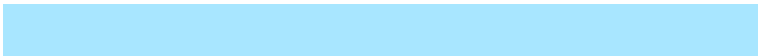
FFCFFF

# Square

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



91F2D6



A8E6FF



FFC8EA



FFDB9D

# Rectangle

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



91F2D6



79F0FF



FFC8EA



FFCDB4



# Sweetspot

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



91F2D6



E0FFF6



AEF291



6E807A



000000



808080



# Same Dimension

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



91F2D6



85FFDC



91DFF2



6C7874



00B883



003828



# Inverse Universe

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



F291AD



FF85A8



F2A491



786C6F



B80035

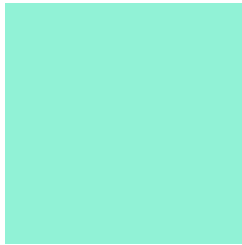


380010



# Previews

## White Background



This preview shows how the Hex color 91F2D6 looks on a white background.

## Color Contrast Check

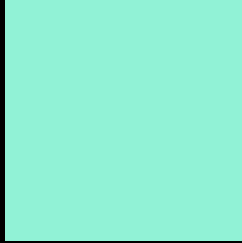
Large Text (above 18pt) WCAG AA × Fail

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 91F2D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

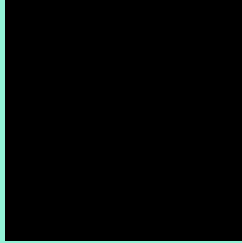
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91F2D6 Background



This preview shows how black text looks on a background with the Hex color 91F2D6.

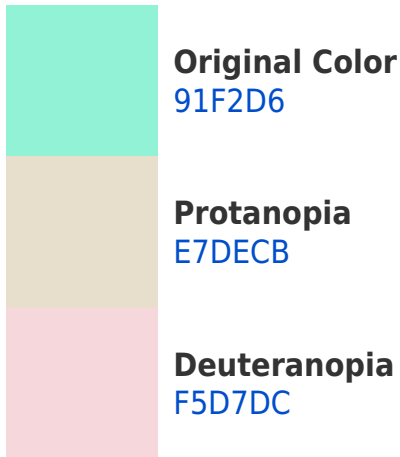


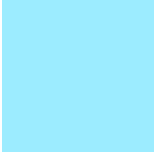
This preview shows how white text looks on a background with the Hex color 91F2D6.

# 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



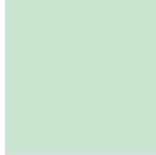


**Tritanopia**  
9CECF

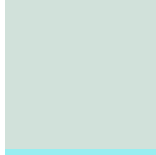
# Trichromacy



**Original Color**  
91F2D6



**Protanomaly**  
C8E5CF



**Deuteranomaly**  
D1E1DA

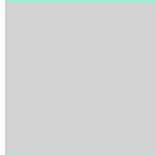


**Tritanomaly**  
98EEF0

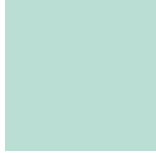
# Monochromacy



**Original Color**  
91F2D6



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
BADED3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91F2D6 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 #91F2D6 looks like.

```
.text, #text, p{  
    color:#91F2D6  
}
```

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 #91F2D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91F2D6
}
```

## Border

The CSS property to change the border of an element to Hex 91F2D6 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
#91F2D6 }
```

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

```
.border{ border-color:#91F2D6 }
```

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

Here you see how a box with a 4 pixel #91F2D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91F2D6; -webkit-box-shadow:4px 4px  
4px 4px #91F2D6; box-shadow:4px 4px 4px  
4px #91F2D6 }
```

# Background

The CSS property to change the background color of an element to Hex 91F2D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91F2D6 }
```

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

```
.background{ background-color:#91F2D6 }
```

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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