

Converting Colors

Hex(FF90B1)

Have a look what the booklet for
Hex(FF90B1) contains.

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Color

Hex(FE90B1)

Conversions

Conversions Part 1

Format	Color
Hex	FF90B1
RGB	255, 144, 177
RGB Percent	100%, 56%, 69%
CMY	0.0000, 0.4353, 0.3059
CMYK	0.00, 0.44, 0.31, 0.00
HSL	342°, 100%, 78%
HSV	342°, 44%, 100%
XYZ	59.1491, 44.3808, 47.0438
YIQ	180.9510, 55.5630, 33.7950

Conversions

Conversions Part 2

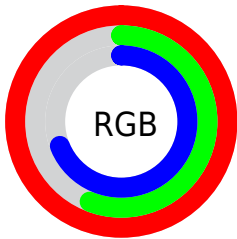
Format	Color
R_{YB}	255, 144, 177
Decimal	16748721
CIE _{Lab}	72.48, 45.49, 1.36
CIE _{LCh}	72, 45.512, 1.710
Yxy	44.3808, 0.3928, 0.2947
Android (android.graphics.Color)	4294938801 (0xFFFF90B1)
YUV	180.9510, -1.9478, 64.9410
Hunter-Lab	66.6189, 41.9019, 4.7649

Details

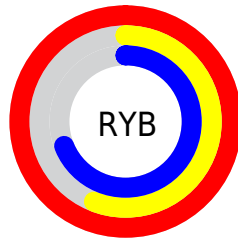
The Hex color **FF90B1** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90FFDE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFC8E9**, and **C45B7D** is the 20% darker color. If you saturate the color by 10%, you get **FF779F**, and if you desaturate by 10%, it is **FFAAC3**.

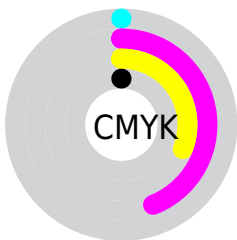
Distribution



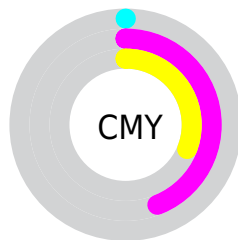
- Red (100%)
- Green (56%)
- Blue (69%)



- Red (100%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (44%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF90B1 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 FF90B1 by changing the saturation by 10% instead.

 FF90B1

 FF90B1

FFFFFF

 E17596

 FFC8E9

 C45B7D

 FFE4FF

 A74064

 8A254C

 6F0235

 530020

 3B0008

 1A0001

 000000

 FF90B1

 FF90B1

 FF779F

 FFAAC3

 FF5D8D

 FFC3D5

 FF437B

 FFDDE7

 FF2A69

 FFF6F9

 FF1057

FFFFFF

 FF004C

Harmonies

Analogous

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



E897DA



FF90B1



FF9488

Triad

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



FF90B1



9EBC69



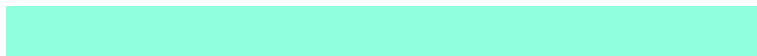
00C0FA

Complementary

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



FF90B1



90FFDE

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.



00C6DC



FF90B1



6AC489

Square

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



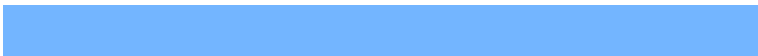
FF90B1



C9B05D



0DC7B3



73B5FF

Rectangle

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



FF90B1



F49D72



0DC7B3



00C3F2

Sweetspot

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



FF90B1



FFDEE8



DE90FF



806B71



000000



808080

Same Dimension

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



FF90B1



FF7AA2



FFA690



807377



BF0039



400013

Inverse Universe

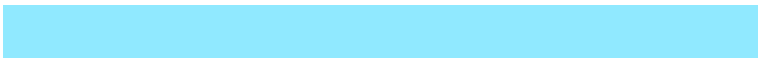
The Inverse Universe completely reimagines the original color for something new.



FF90B1



FF7AA2



90E9FF



807377



BF0039



400013

Previews

White Background



This preview shows how the Hex color FF90B1 looks on a white background.

Color Contrast Check

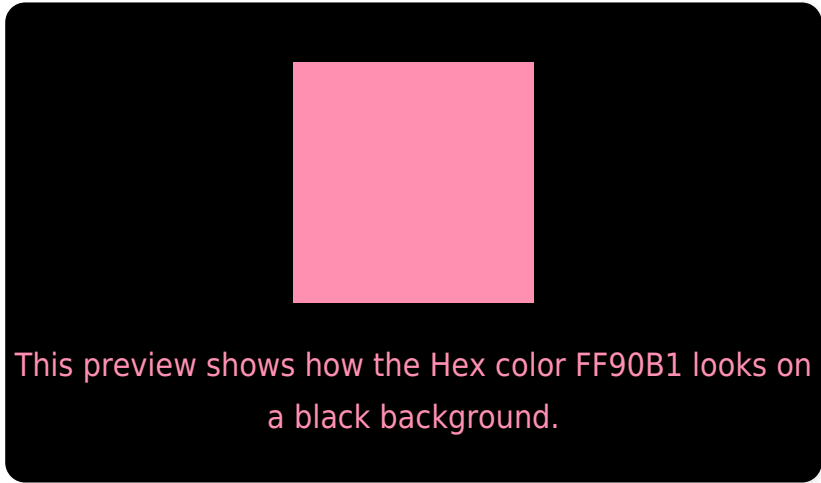
Large Text (above 18pt) WCAG AA × Fail

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 FF90B1 Background



This preview shows how black text looks on a background with the Hex color FF90B1.

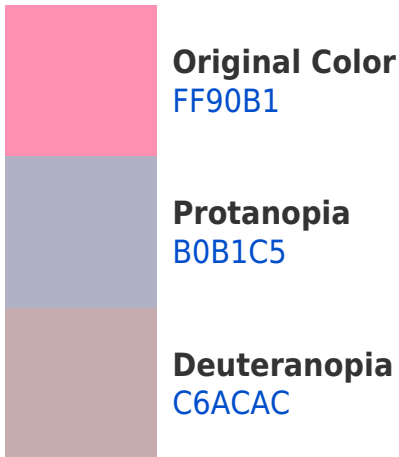



This preview shows how white text looks on a background with the Hex color FF90B1.

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
FD939E

Trichromacy



Original Color
FF90B1



Protanomaly
CDA5BE



Deuteranomaly
DBA2AE



Tritanomaly
FE92A5

Monochromacy



Original Color
FF90B1



Achromatopsia
B5B5B5



Achromatomaly
D0A8B4

CSS Examples

Text

The CSS property to change the color of the text to Hex FF90B1 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 #FF90B1 looks like.

```
.text, #text, p{  
    color:#FF90B1  
}
```

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 #FF90B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF90B1
}
```

Border

The CSS property to change the border of an element to Hex FF90B1 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
#FF90B1 }
```

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

```
.border{ border-color:#FF90B1 }
```

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

Here you see how a box with a 4 pixel #FF90B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF90B1; -webkit-box-shadow:4px 4px  
4px 4px #FF90B1; box-shadow:4px 4px 4px  
4px #FF90B1 }
```

Background

The CSS property to change the background color of an element to Hex FF90B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF90B1 }
```

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

```
.background{ background-color:#FF90B1 }
```

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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