

Converting Colors

Hex(90DF7F)

Have a look what the booklet for
Hex(90DF7F) contains.

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Color

Hex(90DF7F)

Conversions

Conversions Part 1

Format	Color
Hex	90DF7F
RGB	144, 223, 127
RGB Percent	56%, 87%, 50%
CMY	0.4353, 0.1255, 0.5020
CMYK	0.35, 0.00, 0.43, 0.13
HSL	109°, 60%, 69%
HSV	109°, 43%, 87%
XYZ	41.7200, 60.2370, 29.5067
YIQ	188.4350, -16.2680, -46.6040

Conversions

Conversions Part 2

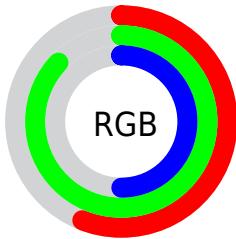
Format	Color
RYB	127, 223, 206
Decimal	9494399
CIELab	81.97, -42.28, 39.48
CIElCh	82, 57.850, 136.959
Yxy	60.2370, 0.3174, 0.4582
Android (android.graphics.Color)	4287684479 (0xFF90DF7F)
YUV	188.4350, -30.2875, -38.9695
Hunter-Lab	77.6125, -39.8704, 31.7879

Details

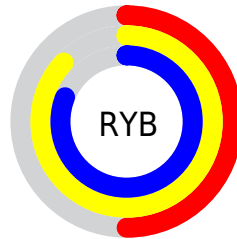
The Hex color **90DF7F** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CE7FDF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C9FFB5**, and **59A74C** is the 20% darker color. If you saturate the color by 10%, you get **7EDF69**, and if you desaturate by 10%, it is **A2DF95**.

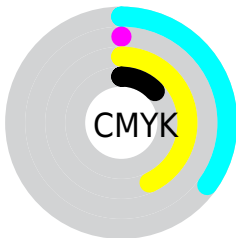
Distribution



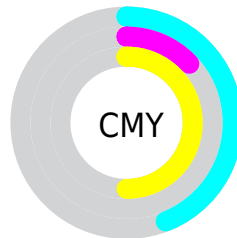
- Red (56%)
- Green (87%)
- Blue (50%)



- Red (50%)
- Yellow (87%)
- Blue (81%)



- Cyan (35%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)



- Cyan (44%)
- Magenta (13%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90DF7F 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 90DF7F by changing the saturation by 10% instead.

 90DF7F

 90DF7F

FFFFFF

 74C365

 C9FFB5

 59A74C

 E6FFD1

 3D8C33

 FFFFEE

 1F721A

 005900

 004100

 002B00

 000D00

 000000

 90DF7F

 90DF7F

 7EDF69

 A2DF95

 6BDF52

 B5DFAC

 59DF3C

 C7DFC2

 47DF26

 D9DFD8

 34DF10

 ECDFEF

 27DF00

 FEDFFF

 FFDFFF

Harmonies

Analogous

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



CED260



90DF7F



2BE6B2

Triad

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



90DF7F



00D8FF



FF9FAF

Complementary

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



90DF7F



CE7FDF

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.



FFA1E6



90DF7F



A9C7FF

Square

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



90DF7F



00E3FF



F7B2FF



FFAD7F

Rectangle

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



90DF7F



00E7D7



F7B2FF



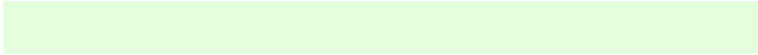
FF9EC1

Sweetspot

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



90DF7F



E4FFDE



DFCD7F



6F806B



000000



808080

Same Dimension

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



90DF7F



92FF7A



7FDF9D



677065



1FB000



093000

Inverse Universe

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



CE7FDF



E87AFF



DF7FC1



6E6570



9100B0



280030

Previews

White Background



This preview shows how the Hex color 90DF7F looks on a white background.

Color Contrast Check

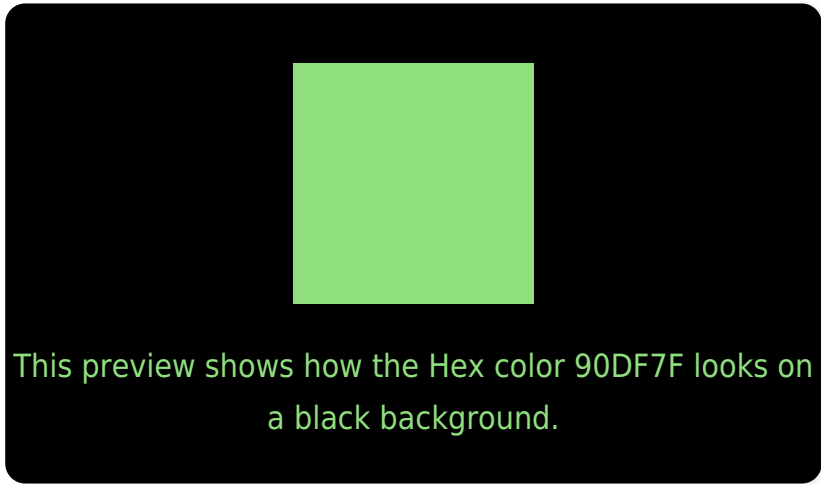
Large Text (above 18pt) WCAG AA × Fail

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

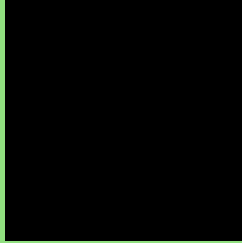
Any Text WCAG AA ✓ Pass

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 90DF7F Background



This preview shows how black text looks on a background with the Hex color 90DF7F.

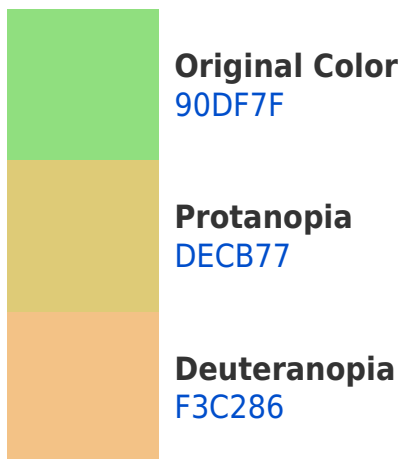


This preview shows how white text looks on a background with the Hex color 90DF7F.

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](#).

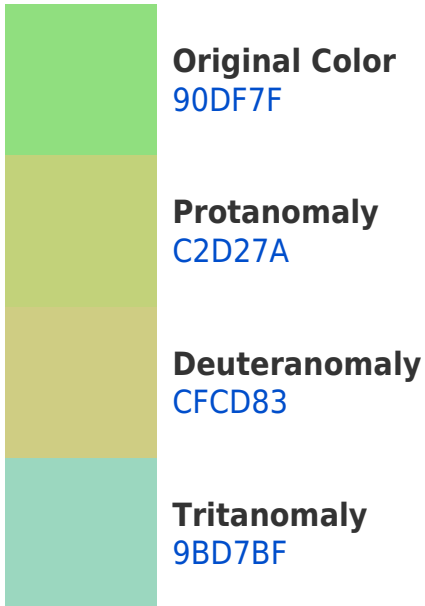
Dichromacy



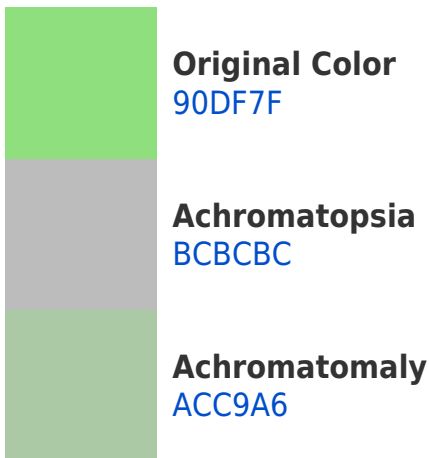


Tritanopia
A2D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90DF7F 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 #90DF7F looks like.

```
.text, #text, p{  
    color:#90DF7F  
}
```

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 #90DF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90DF7F
}
```

Border

The CSS property to change the border of an element to Hex 90DF7F 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
#90DF7F }
```

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

```
.border{ border-color:#90DF7F }
```

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

Here you see how a box with a 4 pixel #90DF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90DF7F; -webkit-box-shadow:4px 4px  
4px 4px #90DF7F; box-shadow:4px 4px 4px  
4px #90DF7F }
```

Background

The CSS property to change the background color of an element to Hex 90DF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90DF7F }
```

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

```
.background{ background-color:#90DF7F }
```

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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