

Converting Colors

Hex(90DF7A)

Have a look what the booklet for
Hex(90DF7A) contains.

Hex(90DF7A)	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(90DF7A)

Conversions

Conversions Part 1

Format	Color
Hex	90DF7A
RGB	144, 223, 122
RGB Percent	56%, 87%, 48%
CMY	0.4353, 0.1255, 0.5216
CMYK	0.35, 0.00, 0.45, 0.13
HSL	107°, 61%, 68%
HSV	107°, 45%, 87%
XYZ	41.4021, 60.1098, 27.8326
YIQ	187.8650, -14.6630, -48.1590

Conversions

Conversions Part 2

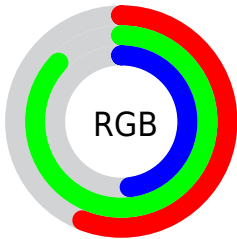
Format	Color
RYB	122, 223, 201
Decimal	9494394
CIELab	81.90, -42.95, 41.86
CIElCh	82, 59.976, 135.737
Yxy	60.1098, 0.3201, 0.4647
Android (android.graphics.Color)	4287684474 (0xFF90DF7A)
YUV	187.8650, -32.4714, -38.4696
Hunter-Lab	77.5305, -40.3574, 32.9869

Details

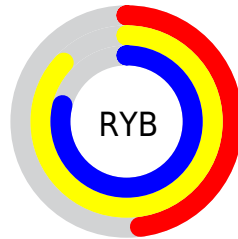
The Hex color **90DF7A** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C97ADF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C9FFB0**, and **59A747** is the 20% darker color. If you saturate the color by 10%, you get **7FDF64**, and if you desaturate by 10%, it is **A1DF90**.

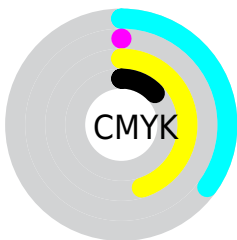
Distribution



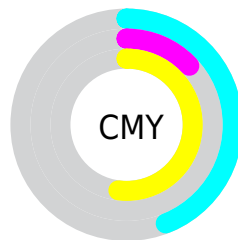
- Red (56%)
- Green (87%)
- Blue (48%)



- Red (48%)
- Yellow (87%)
- Blue (79%)



- Cyan (35%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)



- Cyan (44%)
- Magenta (13%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90DF7A 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 90DF7A by changing the saturation by 10% instead.

 90DF7A

 90DF7A

FFFFFF

 74C360

 C9FFB0

 59A747

 E6FFCC

 3D8C2E

 FFFFE8

 1E7213

 005900

 004100

 002B00

 000D00

 000000

 90DF7A

 90DF7A

 7FDF64

 A1DF90

 6DDF4D

 B3DFA7

 5CDF37

 C4DFBD

 4ADF21

 D6DFD3

 39DF0B

 E7DFEA

 31DF00

 F9DFFF

 FFDFFF

Harmonies

Analogous

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



D0D25A



90DF7A



21E6AE

Triad

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



90DF7A



00D9FF



FF9CB0

Complementary

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



90DF7A



C97ADF

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.



FF9FE9



90DF7A



A2C7FF

Square

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



90DF7A



00E4FF



F6B1FF



FFAA7D

Rectangle

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



90DF7A



00E8D5



F6B1FF



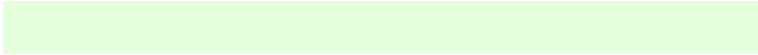
FF9BC3

Sweetspot

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



90DF7A



E3FFDB



DFC77A



6F806A



000000



808080

Same Dimension

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



90DF7A



93FF75



7ADF95



677065



26B000



0B3000

Inverse Universe

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



C97ADF



E175FF



DF7AC4



6E6570



8A00B0



260030

Previews

White Background



This preview shows how the Hex color 90DF7A 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 90DF7A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

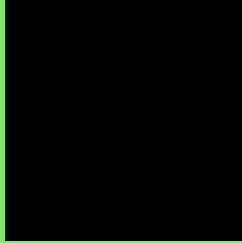
Any Text WCAG AA ✓ Pass

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 90DF7A Background



This preview shows how black text looks on a background with the Hex color 90DF7A.

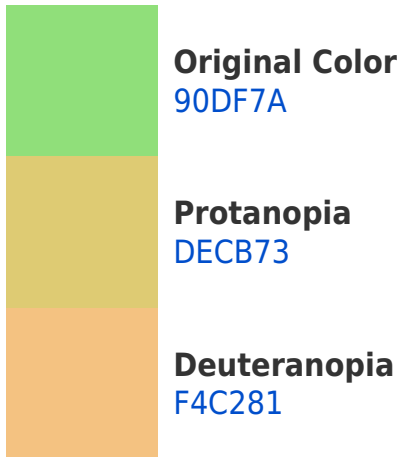


This preview shows how white text looks on a background with the Hex color 90DF7A.

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



Original Color
90DF7A



Protanomaly
C2D276



Deuteranomaly
D0CD7E

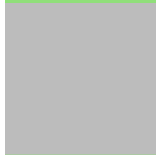


Tritanomaly
9BD7BD

Monochromacy



Original Color
90DF7A



Achromatopsia
BCBCBC



Achromatomaly
ACC9A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 90DF7A 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 #90DF7A looks like.

```
.text, #text, p{  
    color:#90DF7A  
}
```

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 #90DF7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90DF7A
}
```

Border

The CSS property to change the border of an element to Hex 90DF7A 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
#90DF7A }
```

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

```
.border{ border-color:#90DF7A }
```

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

Here you see how a box with a 4 pixel #90DF7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90DF7A; -webkit-box-shadow:4px 4px  
4px 4px #90DF7A; box-shadow:4px 4px 4px  
4px #90DF7A }
```

Background

The CSS property to change the background color of an element to Hex 90DF7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90DF7A }
```

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

```
.background{ background-color:#90DF7A }
```

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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