

Converting Colors

Hex(91D47B)

Have a look what the booklet for
Hex(91D47B) contains.

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Color

Hex(91D47B)

Conversions

Conversions Part 1

Format	Color
Hex	91D47B
RGB	145, 212, 123
RGB Percent	57%, 83%, 48%
CMY	0.4314, 0.1686, 0.5176
CMYK	0.32, 0.00, 0.42, 0.17
HSL	105°, 51%, 66%
HSV	105°, 42%, 83%
XYZ	38.7957, 54.5368, 27.2208
YIQ	181.8210, -11.3630, -41.8830

Conversions

Conversions Part 2

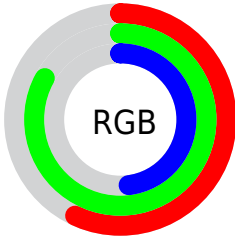
Format	Color
RYB	123, 212, 190
Decimal	9557115
CIELab	78.77, -37.61, 37.41
CIElCh	79, 53.049, 135.153
Yxy	54.5368, 0.3218, 0.4524
Android (android.graphics.Color)	4287747195 (0xFF91D47B)
YUV	181.8210, -28.9988, -32.2920
Hunter-Lab	73.8490, -35.4630, 29.8400

Details

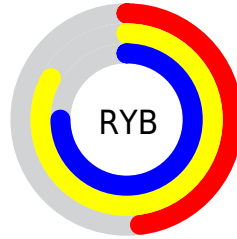
The Hex color **91D47B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BE7BD4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C9FFB1**, and **5B9D48** is the 20% darker color. If you saturate the color by 10%, you get **81D466**, and if you desaturate by 10%, it is **A1D490**.

Distribution



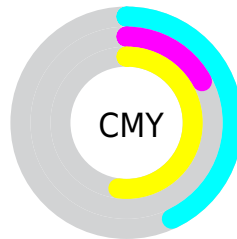
- Red (57%)
- Green (83%)
- Blue (48%)



- Red (48%)
- Yellow (83%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (42%)
- Black (17%)




- Cyan (43%)
- Magenta (17%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91D47B 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 91D47B by changing the saturation by 10% instead.

 91D47B

 91D47B

FFFFFF

 76B861

 C9FFB1

 5B9D48

 E6FFCC

 408230

 FFFFE9

 256917


 005000


 003800

 002500

 000000

 91D47B

 91D47B

 81D466

 A1D490

 71D451

 B1D4A5

 61D43B

 C1D4BB

 51D426

 D1D4D0

 41D411

 E1D4E5

 34D400

 F1D4FA

 FFD4FF

Harmonies

Analogous

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



C8C860



91D47B



43DBA8

Triad

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



91D47B



16CFFF



FF9BAC

Complementary

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



91D47B



BE7BD4

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.



FF9DDE



91D47B



9FBFFF

Square

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



91D47B



00D9FF



E7ACFF



FFA67F

Rectangle

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



91D47B



00DCCA



E7ACFF



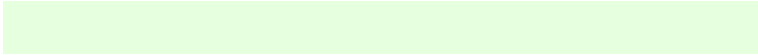
FF9ABC

Sweetspot

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



91D47B



E6FFDE



D4BE7B



70806B



000000



808080

Same Dimension

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



91D47B



9FFF80



7BD491



636B60



2AAB00



0B2B00

Inverse Universe

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



BE7BD4



DF80FF



D47BBE



68606B



8100AB



21002B

Previews

White Background



This preview shows how the Hex color 91D47B 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 91D47B 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 91D47B Background



This preview shows how black text looks on a background with the Hex color 91D47B.

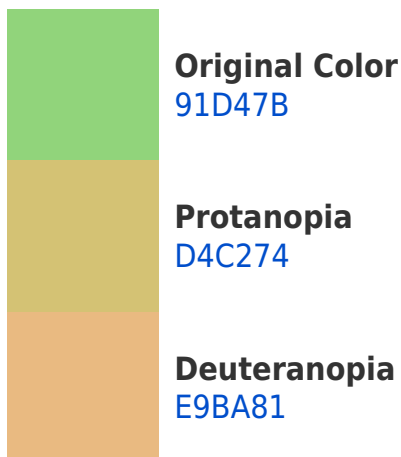


This preview shows how white text looks on a background with the Hex color 91D47B.

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](#).

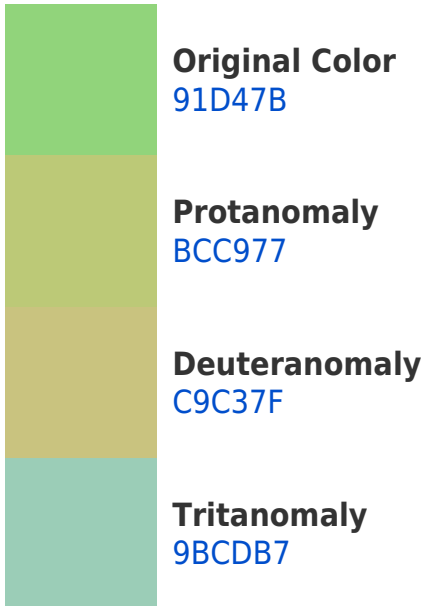
Dichromacy



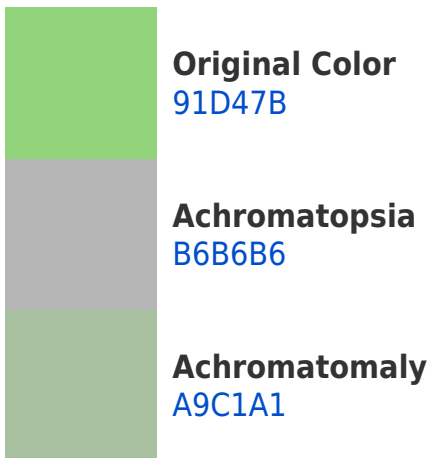


Tritanopia
A1C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91D47B 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 #91D47B looks like.

```
.text, #text, p{  
    color:#91D47B  
}
```

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 #91D47B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D47B
}
```

Border

The CSS property to change the border of an element to Hex 91D47B 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
#91D47B }
```

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

```
.border{ border-color:#91D47B }
```

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

Here you see how a box with a 4 pixel #91D47B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D47B; -webkit-box-shadow:4px 4px  
4px 4px #91D47B; box-shadow:4px 4px 4px  
4px #91D47B }
```

Background

The CSS property to change the background color of an element to Hex 91D47B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D47B }
```

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

```
.background{ background-color:#91D47B }
```

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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