

# Converting Colors

Hex(91D279)

Have a look what the booklet for  
Hex(91D279) contains.

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**Color**

**Hex(91D279)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91D279
RGB	145, 210, 121
RGB Percent	57%, 82%, 47%
CMY	0.4314, 0.1765, 0.5255
CMYK	0.31, 0.00, 0.42, 0.18
HSL	104°, 50%, 65%
HSV	104°, 42%, 82%
XYZ	38.1748, 53.4934, 26.4024
YIQ	180.4190, -10.1710, -41.4590

# Conversions

## Conversions Part 2

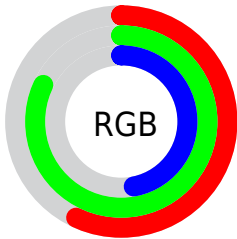
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 210, 186
Decimal	9556601
CIELab	78.17, -36.98, 37.64
CIELCh	78, 52.764, 134.494
Yxy	53.4934, 0.3233, 0.4531
Android (android.graphics.Color)	4287746681 (0xFF91D279)
YUV	180.4190, -29.2936, -31.0625
Hunter-Lab	73.1392, -34.8259, 29.7944

# Details

The Hex color **91D279** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BA79D2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **C9FFAE**, and **5B9B46** is the 20% darker color. If you saturate the color by 10%, you get **82D264**, and if you desaturate by 10%, it is **A0D28E**.

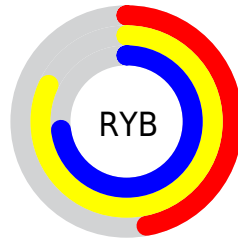
# Distribution



Red (57%)

Green (82%)

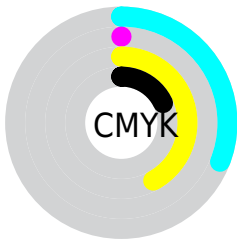
Blue (47%)



Red (47%)

Yellow (82%)

Blue (73%)

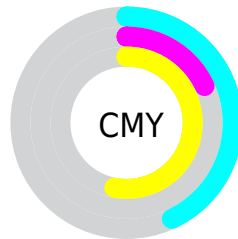


Cyan (31%)

Magenta (0%)

Yellow (42%)

Black (18%)



Cyan (43%)

Magenta (18%)

Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 91D279 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 91D279 by changing the saturation by 10% instead.



 91D279

 91D279

FFFFFF

 76B65F

 C9FFAE

 5B9B46

 E6FFCA

 41812E

 FFFFE7

 256715


 014F00

 003700

 002300

 000000

 91D279

 91D279

 82D264

 A0D28E

 72D24F

 B0D2A3

 63D23A

 BFD2B8

 54D225

 CED2CD

 44D210

 DED2E2

 39D200

 EDD2F7

 FCD2FF

 FFD2FF

# Harmonies

## Analogous

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



C8C65F



91D279



45D9A5

# Triad

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



91D279



06CEFF



FF99AB

# Complementary

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



91D279



BA79D2

# 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.



FF9CDD



91D279



9CBEFF

# Square

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



91D279



00D7FF



E4ABFF



FFA47F

# Rectangle

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



91D279



00DAC7



E4ABFF



FF98BC

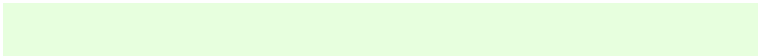


# Sweetspot

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



91D279



E7FFDE



D2B979



71806B



000000



808080

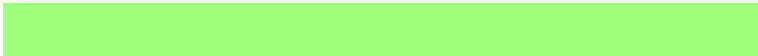


# Same Dimension

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



91D279



A0FF7D



79D28C



61695E



2DA800



0B2900



# Inverse Universe

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



BA79D2



DC7DFF



D279BF



665E69



7B00A8



1E0029



# Previews

## White Background



This preview shows how the Hex color 91D279 looks on a white background.

## Color Contrast Check

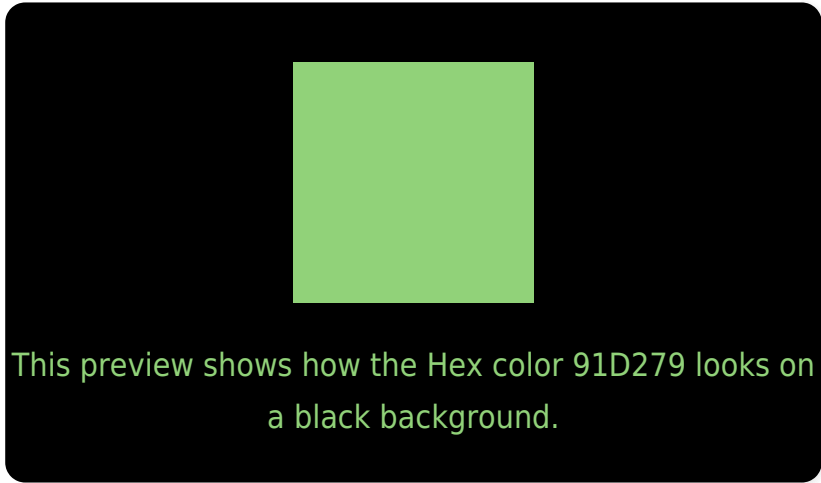
Large Text (above 18pt) WCAG AA × Fail

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

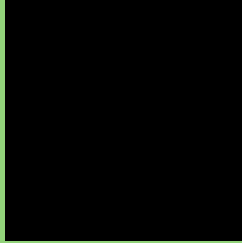
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91D279 Background



This preview shows how black text looks on a background with the Hex color 91D279.

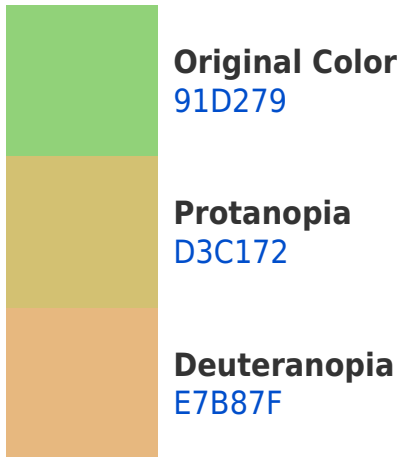


This preview shows how white text looks on a background with the Hex color 91D279.

# 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](#).

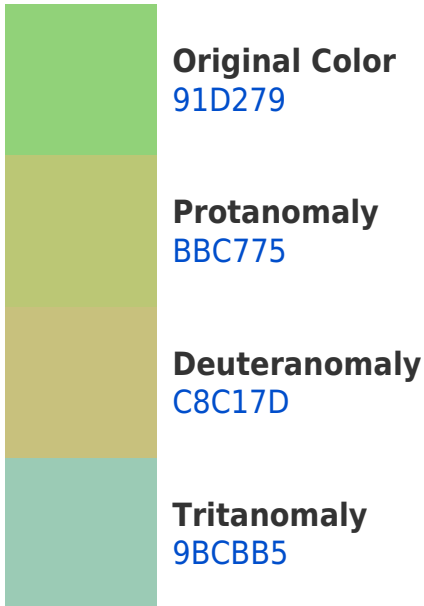
## Dichromacy



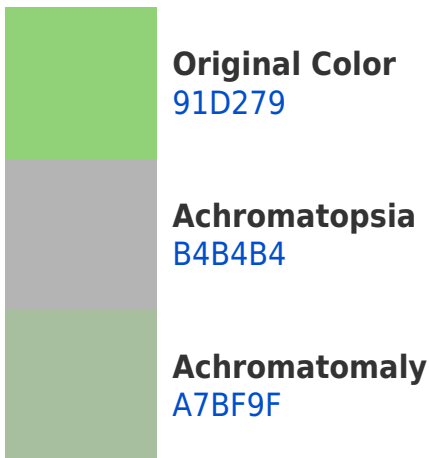


**Tritanopia**  
A1C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91D279 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 #91D279 looks like.

```
.text, #text, p{  
    color:#91D279  
}
```

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 #91D279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D279
}
```

## Border

The CSS property to change the border of an element to Hex 91D279 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
#91D279 }
```

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

```
.border{ border-color:#91D279 }
```

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

Here you see how a box with a 4 pixel #91D279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D279; -webkit-box-shadow:4px 4px  
4px 4px #91D279; box-shadow:4px 4px 4px  
4px #91D279 }
```

# Background

The CSS property to change the background color of an element to Hex 91D279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D279 }
```

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

```
.background{ background-color:#91D279 }
```

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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