

# Converting Colors

Hex(91D290)

Have a look what the booklet for  
Hex(91D290) contains.

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**Color**

**Hex(91D290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91D290
RGB	145, 210, 144
RGB Percent	57%, 82%, 56%
CMY	0.4314, 0.1765, 0.4353
CMYK	0.31, 0.00, 0.31, 0.18
HSL	119°, 42%, 69%
HSV	119°, 31%, 82%
XYZ	39.7577, 54.1265, 34.7376
YIQ	183.0410, -17.5540, -34.3060

# Conversions

## Conversions Part 2

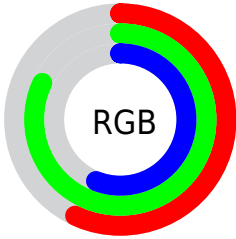
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 210, 209</a>
Decimal	<a href="#">9556624</a>
CIELab	<a href="#">78.54, -33.54, 26.33</a>
CIELCh	<a href="#">79, 42.645, 141.869</a>
Yxy	<a href="#">54.1265, 0.3091, 0.4208</a>
Android (android.graphics.Color)	<a href="#">4287746704 (0xFF91D290)</a>
YUV	<a href="#">183.0410, -19.2472, -33.3620</a>
Hunter-Lab	<a href="#">73.5707, -32.2873, 23.5048</a>

# Details

The Hex color **91D290** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D190D2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C8FFC6**, and **5C9B5D** is the 20% darker color. If you saturate the color by 10%, you get **7CD27B**, and if you desaturate by 10%, it is **A6D2A5**.

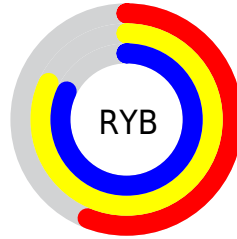
# Distribution



Red (57%)

Green (82%)

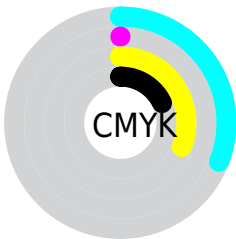
Blue (56%)



Red (56%)

Yellow (82%)

Blue (82%)

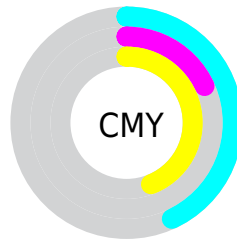


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (18%)



Cyan (43%)

Magenta (18%)

Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 91D290 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 91D290 by changing the saturation by 10% instead.



 91D290

 91D290

FFFFFF

 76B676

 C8FFC6

 5C9B5D

 E5FFE2

 428145


 28672E


 074F17

 003700

 002300

 000000

 91D290

 91D290

 7CD27B

 A6D2A5

 68D266

 BAD2BA

 53D251

 CFD2CF

 3ED23C

 E4D2E4

 2AD227

 F8D2F9

 15D212

 FFD2FF

 03D200

# Harmonies

## Analogous

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



BFC977



91D290



5CD7B6

# Triad

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



91D290



74CAFF



FFA5A7

# Complementary

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



91D290



D190D2

# 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.



FFA4CF



91D290



B7BCFF

# Square

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



91D290



23D3FF



EAAEF4



FFAF85

# Rectangle

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



91D290



30D8D1



EAAEF4



FFA3B4

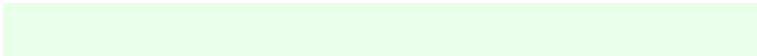


# Sweetspot

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



91D290



E8FFE8



D2D190



728071



000000



808080

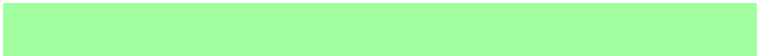


# Same Dimension

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



91D290



A0FF9E



90D2B0



5E695E



03A800



012900



# Inverse Universe

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



D190D2



FE9EFF



D290B2



685E69



A600A8



280029



# Previews

## White Background



This preview shows how the Hex color 91D290 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 91D290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

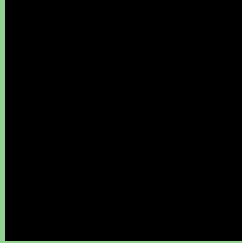
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91D290 Background



This preview shows how black text looks on a background with the Hex color 91D290.

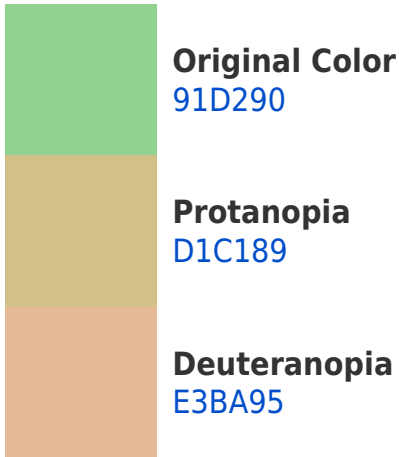


This preview shows how white text looks on a background with the Hex color 91D290.

# 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](#).

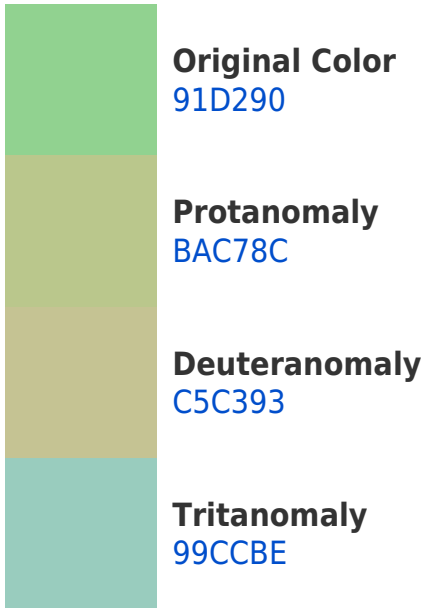
## Dichromacy



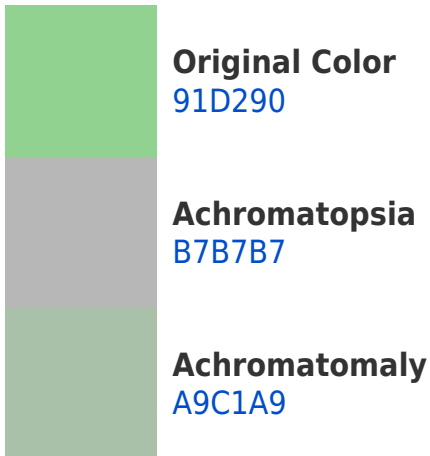


**Tritanopia**  
9EC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91D290 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 #91D290 looks like.

```
.text, #text, p{  
    color:#91D290  
}
```

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 #91D290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D290
}
```

## Border

The CSS property to change the border of an element to Hex 91D290 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
#91D290 }
```

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

```
.border{ border-color:#91D290 }
```

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

Here you see how a box with a 4 pixel #91D290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D290; -webkit-box-shadow:4px 4px  
4px 4px #91D290; box-shadow:4px 4px 4px  
4px #91D290 }
```

# Background

The CSS property to change the background color of an element to Hex 91D290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D290 }
```

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

```
.background{ background-color:#91D290 }
```

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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