

# Converting Colors

Hex(90D295)

Have a look what the booklet for  
Hex(90D295) contains.

<b>Hex(90D295)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(90D295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90D295
RGB	144, 210, 149
RGB Percent	56%, 82%, 58%
CMY	0.4353, 0.1765, 0.4157
CMYK	0.31, 0.00, 0.29, 0.18
HSL	125°, 42%, 69%
HSV	125°, 31%, 82%
XYZ	39.9730, 54.1924, 36.7872
YIQ	183.3120, -19.7550, -32.9630

# Conversions

## Conversions Part 2

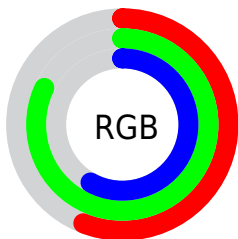
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 205, 210</a>
Decimal	<a href="#">9491093</a>
CIELab	<a href="#">78.57, -33.04, 23.76</a>
CIELCh	<a href="#">79, 40.693, 144.274</a>
Yxy	<a href="#">54.1924, 0.3052, 0.4138</a>
Android (android.graphics.Color)	<a href="#">4287681173 (0xFF90D295)</a>
YUV	<a href="#">183.3120, -16.9158, -34.4766</a>
Hunter-Lab	<a href="#">73.6155, -31.9021, 21.9024</a>

# Details

The Hex color **90D295** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D290CD**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C7FFCB**, and **5B9B62** is the 20% darker color. If you saturate the color by 10%, you get **7BD282**, and if you desaturate by 10%, it is **A5D2A8**.

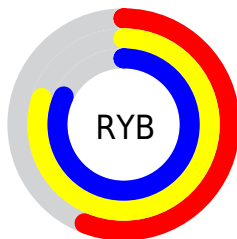
# Distribution



Red (56%)

Green (82%)

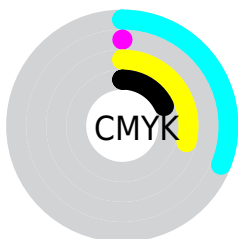
Blue (58%)



Red (56%)

Yellow (80%)

Blue (82%)

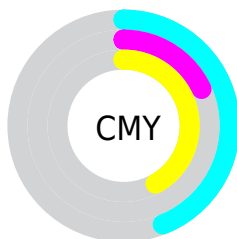


Cyan (31%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (44%)

Magenta (18%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90D295 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 90D295 by changing the saturation by 10% instead.



 90D295

 90D295

FFFFFF

 75B67B

 C7FFCB

 5B9B62

 E4FFE8

 41814A

 276732

 064F1C

 003704

 002300

 000000

 90D295

 90D295

 7BD282

 A5D2A8

 66D26E

 BAD2BC

 51D25B

 CFD2CF

 3CD247

 E4D2E3

 27D234

 F9D2F6

 12D221

 FFD2FF

 00D210

# Harmonies

## Analogous

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



BCCA7C



90D295



5FD6BA

# Triad

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



90D295



80C8FF



FFA7A5

# Complementary

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



90D295



D290CD

# 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.



FFA6CB



90D295



BDBBFF

# Square

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



90D295



3FD2FF



EBAEEF



FFB186

# Rectangle

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



90D295



3CD7D4



EBAEEF



FFA5B2

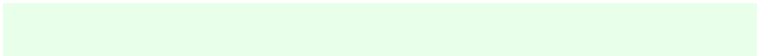


# Sweetspot

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



90D295



E8FFEA



CED290



718073



000000



808080

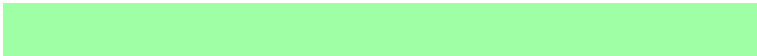


# Same Dimension

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



90D295



9EFA5



90D2B5



5E695F



00A80D



002903



# Inverse Universe

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



D290CD



FF9EF8



D290AD



695E68



A8009C

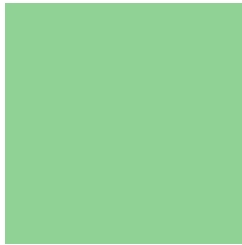


290026



# Previews

## White Background



This preview shows how the Hex color 90D295 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 90D295 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

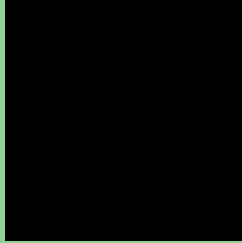
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90D295 Background



This preview shows how black text looks on a background with the Hex color 90D295.

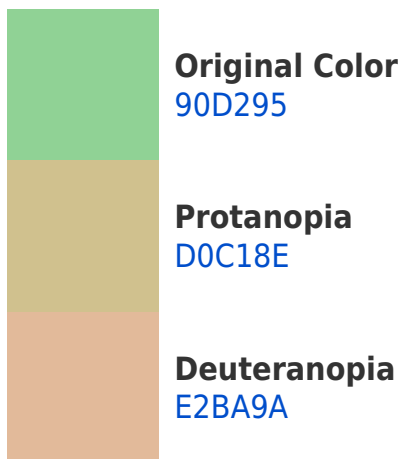


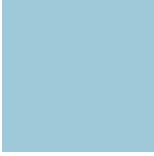
This preview shows how white text looks on a background with the Hex color 90D295.

# 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



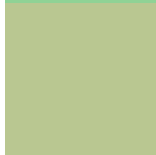


**Tritanopia**  
9DC9D9

# Trichromacy



**Original Color**  
90D295



**Protanomaly**  
B9C791



**Deuteranomaly**  
C4C398



**Tritanomaly**  
98CCCO

# Monochromacy



**Original Color**  
90D295



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
A9C1AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90D295 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 #90D295 looks like.

```
.text, #text, p{  
    color:#90D295  
}
```

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 #90D295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90D295
}
```

## Border

The CSS property to change the border of an element to Hex 90D295 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
#90D295 }
```

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

```
.border{ border-color:#90D295 }
```

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

Here you see how a box with a 4 pixel #90D295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90D295; -webkit-box-shadow:4px 4px  
4px 4px #90D295; box-shadow:4px 4px 4px  
4px #90D295 }
```

# Background

The CSS property to change the background color of an element to Hex 90D295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90D295 }
```

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

```
.background{ background-color:#90D295 }
```

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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