

# Converting Colors

Hex(90D275)

Have a look what the booklet for  
Hex(90D275) contains.

<b>Hex(90D275)</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(90D275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90D275
RGB	144, 210, 117
RGB Percent	56%, 82%, 46%
CMY	0.4353, 0.1765, 0.5412
CMYK	0.31, 0.00, 0.44, 0.18
HSL	103°, 51%, 64%
HSV	103°, 44%, 82%
XYZ	37.7591, 53.3068, 25.1288
YIQ	179.6640, -9.4830, -42.9150

# Conversions

## Conversions Part 2

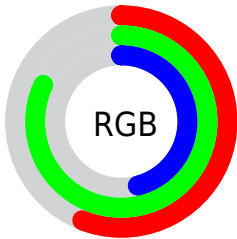
Format	Color
<a href="#">RYB</a>	<a href="#">117, 210, 183</a>
Decimal	<a href="#">9491061</a>
CIELab	<a href="#">78.06, -37.85, 39.49</a>
CIElCh	<a href="#">78, 54.698, 133.788</a>
Yxy	<a href="#">53.3068, 0.3250, 0.4588</a>
Android (android.graphics.Color)	<a href="#">4287681141 (0xFF90D275)</a>
YUV	<a href="#">179.6640, -30.8934, -31.2773</a>
Hunter-Lab	<a href="#">73.0115, -35.4560, 30.7019</a>

# Details

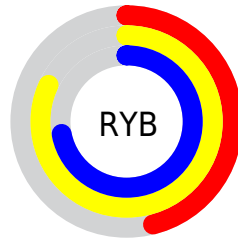
The Hex color **90D275** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B775D2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C8FFAA**, and **5A9B42** is the 20% darker color. If you saturate the color by 10%, you get **81D260**, and if you desaturate by 10%, it is **9FD28A**.

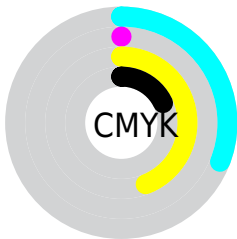
# Distribution



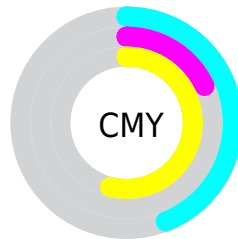
- Red (56%)
- Green (82%)
- Blue (46%)



- Red (46%)
- Yellow (82%)
- Blue (72%)



- Cyan (31%)
- Magenta (0%)
- Yellow (44%)
- Black (18%)



- Cyan (44%)
- Magenta (18%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90D275 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 90D275 by changing the saturation by 10% instead.





90D275



90D275

FFFFFF



75B65B



C8FFAA



5A9B42



E5FFC6



3F812A



FFFFE3



23670F



004E00



003700



002300



000000



90D275



90D275

 81D260

 9FD28A

 72D24B

 AED29F

 63D236

 BDD2B4

 54D221

 CCD2C9

 45D20C

 DBD2DE

 3DD200

 E9D2F3

 F8D2FF

 FFD2FF

# Harmonies

## Analogous

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



C9C65A



90D275



3ED9A3

# Triad

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



90D275



00CEFF



FF97AB

# Complementary

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



90D275



B775D2

# 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.



FF9ADF



90D275



97BEFF

# Square

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



90D275



00D8FF



E3AAFF



FFA27D

# Rectangle

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



90D275



00DBC6



E3AAFF



FF96BC

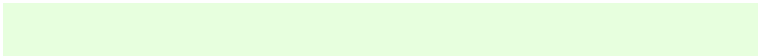


# Sweetspot

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



90D275



E7FFDE



D2B675



71806B



000000



808080



# Same Dimension

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



90D275



9FFF78



75D288



61695E



31A800



0C2900



# Inverse Universe

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



B775D2



D878FF



D275BF



665E69



7700A8



1D0029



# Previews

## White Background



This preview shows how the Hex color 90D275 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 90D275 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 90D275 Background



This preview shows how black text looks on a background with the Hex color 90D275.

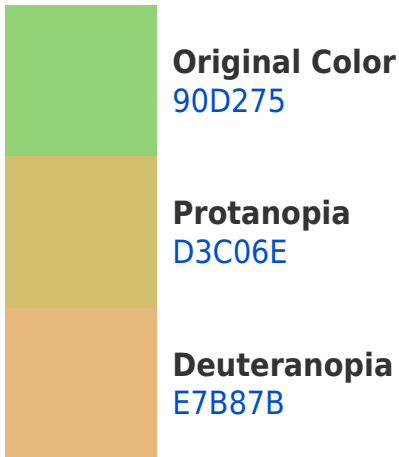


This preview shows how white text looks on a background with the Hex color 90D275.

# 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**  
A0C7D7

# Trichromacy



**Original Color**  
90D275



**Protanomaly**  
BBC771



**Deuteranomaly**  
C7C179



**Tritanomaly**  
9ACBB3

# Monochromacy



**Original Color**  
90D275



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
A7BF9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90D275 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 #90D275 looks like.

```
.text, #text, p{  
    color:#90D275  
}
```

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 #90D275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90D275
}
```

## Border

The CSS property to change the border of an element to Hex 90D275 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
#90D275 }
```

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

```
.border{ border-color:#90D275 }
```

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

Here you see how a box with a 4 pixel #90D275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90D275; -webkit-box-shadow:4px 4px  
4px 4px #90D275; box-shadow:4px 4px 4px  
4px #90D275 }
```

# Background

The CSS property to change the background color of an element to Hex 90D275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90D275 }
```

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

```
.background{ background-color:#90D275 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor