

# Converting Colors

Hex(D90475)

Have a look what the booklet for  
Hex(D90475) contains.

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# Color

**Hex(D90475)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D90475
RGB	217, 4, 117
RGB Percent	85%, 2%, 46%
CMY	0.1490, 0.9843, 0.5412
CMYK	0.00, 0.98, 0.46, 0.15
HSL	328°, 96%, 43%
HSV	328°, 98%, 85%
XYZ	31.8696, 16.1229, 18.2619
YIQ	80.5690, 90.6750, 80.2990

# Conversions

## Conversions Part 2

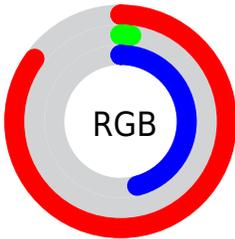
<b>Format</b>	<b>Color</b>
<b>RYB</b>	217, 4, 117
Decimal	14222453
CIELab	47.14, 75.23, -1.44
CIELCh	47, 75.241, 358.902
Yxy	16.1229, 0.4810, 0.2433
Android (android.graphics.Color)	4292412533 (0xFFD90475)
YUV	80.5690, 17.9605, 119.6500
Hunter-Lab	40.1533, 71.4066, 1.1419

# Details

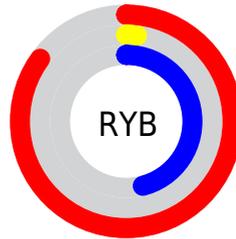
The Hex color **D90475** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **04D968**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5CA9**, and **9C0045** is the 20% darker color. If you saturate the color by 10%, you get **D90073**, and if you desaturate by 10%, it is **D91A7F**.

# Distribution



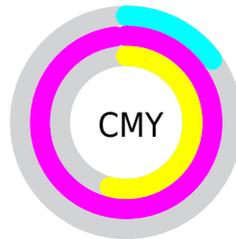
- Red (85%)
- Green (2%)
- Blue (46%)



- Red (85%)
- Yellow (2%)
- Blue (46%)



- Cyan (0%)
- Magenta (98%)
- Yellow (46%)
- Black (15%)



- Cyan (15%)
- Magenta (98%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D90475 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 D90475 by changing the saturation by 10% instead.

 D90475

 D90475

FFFFFF

 BA005D

 FF5CA9

 9C0045

 FF7BC4

 7D002F

 FF99E0

 5F001B

 FFB6FD

 430003

 FFD4FF

 220001

 FFF2FF

 000000

 D90475

 D90475

 D90073

 D91A7F

 D92F89

 D94594

 D95B9E

 D971A8

 D986B2

 D99CBC

 D9B2C7

 D9C7D1

# Harmonies

## Analogous

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



B738B2



D90475



D72737

# Triad

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



D90475



4B7D00



0086DD

# Complementary

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



D90475



04D968

# 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.



008AAC



D90475



008627

# Square

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



D90475



8A6D00



008A6C



0079F0

# Rectangle

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



D90475



C64405



008A6C



0088CF

# Sweetspot

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



D90475



FFB5DC



6704D9



80536B



000000



808080



# Same Dimension

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



D90475



FF0087



D9040B



6E6369



AD005C



2E0018



# Inverse Universe

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



D90475



FF0087



04D9D2



6E6369



AD005C



2E0018



# Previews

## White Background



This preview shows how the Hex color D90475 looks on a white 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

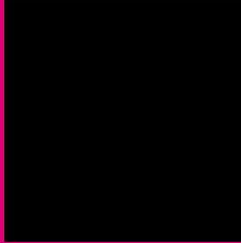
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## Hex D90475 Background



This preview shows how black text looks on a background with the Hex color D90475.



This preview shows how white text looks on a background with the Hex color D90475.

# 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**  
D52E2F

# Trichromacy



**Original Color**  
D90475



**Protanomaly**  
8B4996



**Deuteranomaly**  
A0476F



**Tritanomaly**  
D61F48

# Monochromacy



**Original Color**  
D90475



**Achromatopsia**  
515151



**Achromatomaly**  
82355E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D90475 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 #D90475 looks like.

```
.text, #text, p{  
    color:#D90475  
}
```

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 #D90475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D90475
}
```

## Border

The CSS property to change the border of an element to Hex D90475 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
#D90475 }
```

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

```
.border{ border-color:#D90475 }
```

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

Here you see how a box with a 4 pixel #D90475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D90475; -webkit-box-shadow:4px 4px  
4px 4px #D90475; box-shadow:4px 4px 4px  
4px #D90475 }
```

# Background

The CSS property to change the background color of an element to Hex D90475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D90475 }
```

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

```
.background{ background-color:#D90475 }
```

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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