

# Converting Colors

Hex(D90746)

Have a look what the booklet for  
Hex(D90746) contains.

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# Color

**Hex(D90746)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | D90746                     |
| RGB           | 217, 7, 70                 |
| RGB Percent   | 85%, 3%, 27%               |
| CMY           | 0.1490, 0.9725, 0.7255     |
| CMYK          | 0.00, 0.97, 0.68, 0.15     |
| HSL           | 342°, 94%, 44%             |
| HSV           | 342°, 97%, 85%             |
| XYZ           | 29.7967, 15.3459, 7.1859   |
| YIQ           | 76.9720, 104.9370, 64.1130 |

# Conversions

## Conversions Part 2

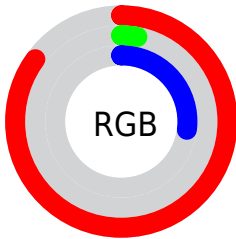
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <a href="#">RYB</a>                 | 217, 7, 70                    |
| Decimal                             | 14223174                      |
| CIELab                              | 46.10, 71.97, 26.25           |
| CIElCh                              | 46, 76.609, 20.041            |
| Yxy                                 | 15.3459, 0.5694,<br>0.2933    |
| Android<br>(android.graphics.Color) | 4292413254<br>(0xFFD90746)    |
| YUV                                 | 76.9720, -3.4372,<br>122.8046 |
| Hunter-Lab                          | 39.1738, 67.2182,<br>16.5457  |

# Details

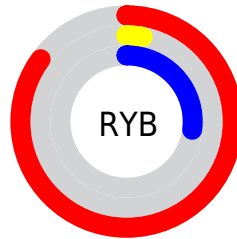
The Hex color **D90746** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **07D99A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5B76**, and **9A001C** is the 20% darker color. If you saturate the color by 10%, you get **D90041**, and if you desaturate by 10%, it is **D91D55**.

# Distribution



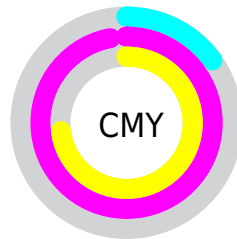
- Red (85%)
- Green (3%)
- Blue (27%)



- Red (85%)
- Yellow (3%)
- Blue (27%)



- Cyan (0%)
- Magenta (97%)
- Yellow (68%)
- Black (15%)



- Cyan (15%)
- Magenta (97%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D90746 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 D90746 by changing the saturation by 10% instead.



 D90746

 D90746

FFFFFF

 B90030

 FF5B76

 9A001C

 FF798F

 7A0002

 FF97AA

 5B0002

 FFB4C5

 3D0003

 FFD2E1

 190001

 FFF0FE

 000000

 D90746

 D90746

 D90041

 D91D55

 D93264

 D94874

 D95E83

 D97392

 D989A1

 D99FB0

 D9B5C0

 D9CACF

# Harmonies

## Analogous

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



D20085



D90746



C24200

# Triad

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



D90746



008201



007CED

# Complementary

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



D90746



07D99A

# 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.



0086D0



D90746



008655

# Square

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



D90746



5D7700



008898



0166E8

# Rectangle

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



D90746



A75A00



008898



0080E7



# Sweetspot

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



D90746



FFB5CB



9A07D9



805360



000000



808080



# Same Dimension

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



D90746



FF004D



D93107



6E6366



AD0034



2E000E



# Inverse Universe

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



D90746



FF004D



07AFD9



6E6366



AD0034



2E000E



# Previews

## White Background



This preview shows how the Hex color D90746 looks on a white background.

## Color Contrast Check

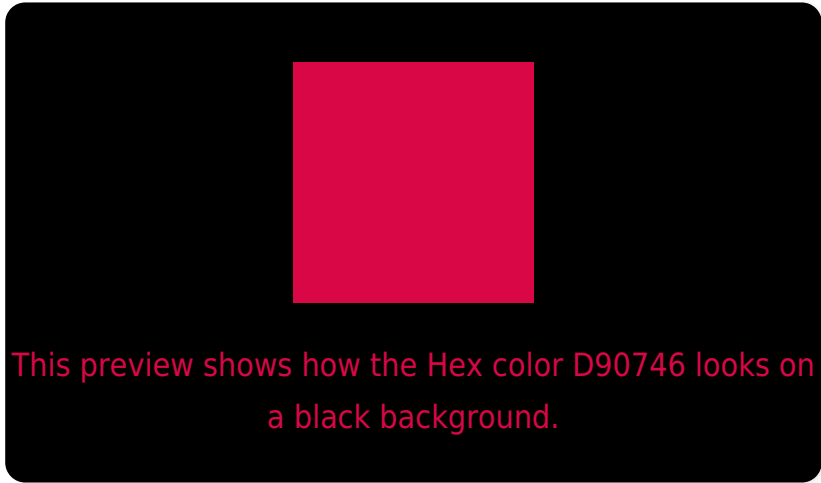
Large Text (above 18pt) WCAG AA ✓ Pass

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 D90746 Background



This preview shows how black text looks on a background with the Hex color D90746.



This preview shows how white text looks on a background with the Hex color D90746.

# 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



**Original Color**  
D90746

**Protanopia**  
736E67

**Deuteranopia**  
886A3C



**Tritanopia**  
D81D19

# Trichromacy



**Original Color**  
D90746



**Protanomaly**  
98495B



**Deuteranomaly**  
A54640

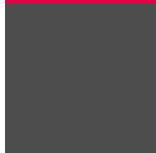


**Tritanomaly**  
D81529

# Monochromacy



**Original Color**  
D90746



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
80344A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D90746 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 #D90746 looks like.

```
.text, #text, p{  
    color:#D90746  
}
```

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 #D90746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D90746
}
```

## Border

The CSS property to change the border of an element to Hex D90746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

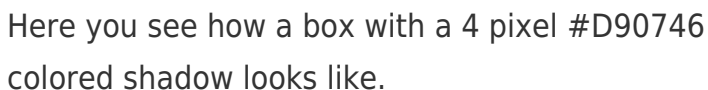
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D90746 }
```

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

```
.border{ border-color:#D90746 }
```

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



Here you see how a box with a 4 pixel #D90746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D90746; -webkit-box-shadow:4px 4px  
4px 4px #D90746; box-shadow:4px 4px 4px  
4px #D90746 }
```

# Background

The CSS property to change the background color of an element to Hex D90746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D90746 }
```

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

```
.background{ background-color:#D90746 }
```

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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