

# Converting Colors

Hex(D81448)

Have a look what the booklet for  
Hex(D81448) contains.

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# Color

**Hex(D81448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D81448
RGB	216, 20, 72
RGB Percent	85%, 8%, 28%
CMY	0.1529, 0.9216, 0.7176
CMYK	0.00, 0.91, 0.67, 0.15
HSL	344°, 83%, 46%
HSV	344°, 91%, 85%
XYZ	29.7388, 15.5671, 7.5682
YIQ	84.5320, 100.1240, 57.7240

# Conversions

## Conversions Part 2

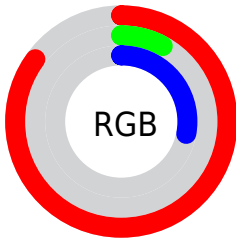
Format	Color
<a href="#">RYB</a>	216, 20, 72
Decimal	14160968
CIELab	46.40, 70.47, 25.36
CIElCh	46, 74.893, 19.790
Yxy	15.5671, 0.5624, 0.2944
Android (android.graphics.Color)	4292351048 (0xFFD81448)
YUV	84.5320, -6.1783, 115.2974
Hunter-Lab	39.4552, 65.4951, 16.2457

# Details

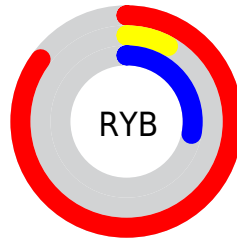
The Hex color **D81448** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **14D8A4**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5F78**, and **99001D** is the 20% darker color. If you saturate the color by 10%, you get **D80039**, and if you desaturate by 10%, it is **D82A58**.

# Distribution



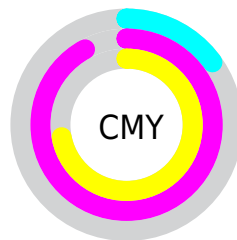
- Red (85%)
- Green (8%)
- Blue (28%)



- Red (85%)
- Yellow (8%)
- Blue (28%)



- Cyan (0%)
- Magenta (91%)
- Yellow (67%)
- Black (15%)



- Cyan (15%)
- Magenta (92%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D81448 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 D81448 by changing the saturation by 10% instead.



 D81448

 D81448

FFFFFF

 B80032

 FF5F78

 99001D

 FF7C92

 7A0005

 FF9AAC

 5B0002

 FFB7C7

 3D0003

 FFD5E3

 180001

 FFF3FF

 000000

 D81448

 D81448

 D80039

 D82A58

 D83F68

 D85578

 D86A87

 D88097

 D896A7

 D8ABB7

 D8C1C7

 D8D6D7

# Harmonies

## Analogous

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



D01186



D81448



C24401

# Triad

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



D81448



008207



007CEB

# Complementary

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



D81448



14D8A4

# 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.



0086CE



D81448



008756

# Square

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



D81448



5F7700



008897



1267E6

# Rectangle

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



D81448



A75B00



008897



0081E5



# Sweetspot

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



D81448



FFBACC



A414D8



805762



000000



808080



# Same Dimension

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



D81448



FF0044



D84214



6B6063



AB002D



2B000C



# Inverse Universe

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



D81448



FF0044



14AAD8



6B6063



AB002D



2B000C



# Previews

## White Background



This preview shows how the Hex color D81448 looks on a white background.

## Color Contrast Check

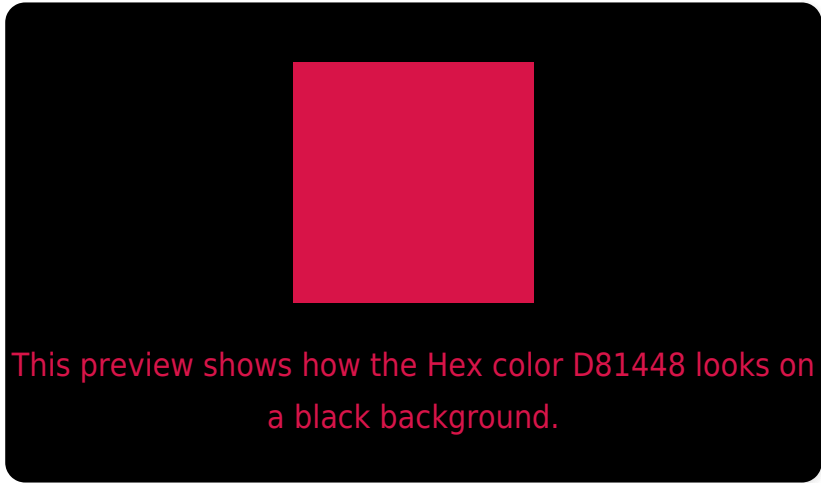
Large Text (above 18pt) WCAG AA ✓ Pass

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 D81448 Background



This preview shows how black text looks on a background with the Hex color D81448.



This preview shows how white text looks on a background with the Hex color D81448.

# 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**  
D81448

**Protanopia**  
736F69

**Deuteranopia**  
886A3E



# Trichromacy



**Original Color**  
D81448



**Protanomaly**  
984E5D



**Deuteranomaly**  
A54B42



**Tritanomaly**  
D71D2E

# Monochromacy



**Original Color**  
D81448



**Achromatopsia**  
555555



**Achromatomaly**  
853D50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D81448 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 #D81448 looks like.

```
.text, #text, p{  
    color:#D81448  
}
```

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 #D81448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D81448
}
```

## Border

The CSS property to change the border of an element to Hex D81448 is called "border". The border property can be set on classes, ids or directly on the HTML element.

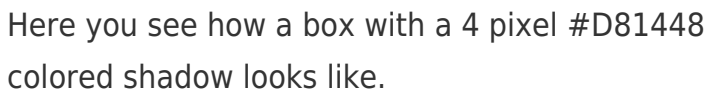
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D81448 }
```

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

```
.border{ border-color:#D81448 }
```

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



Here you see how a box with a 4 pixel #D81448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D81448; -webkit-box-shadow:4px 4px  
4px 4px #D81448; box-shadow:4px 4px 4px  
4px #D81448 }
```

# Background

The CSS property to change the background color of an element to Hex D81448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D81448 }
```

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

```
.background{ background-color:#D81448 }
```

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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