

# Converting Colors

Hex(D81242)

Have a look what the booklet for  
Hex(D81242) contains.

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# Color

**Hex(D81242)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D81242
RGB	216, 18, 66
RGB Percent	85%, 7%, 26%
CMY	0.1529, 0.9294, 0.7412
CMYK	0.00, 0.92, 0.69, 0.15
HSL	345°, 85%, 46%
HSV	345°, 92%, 85%
XYZ	29.5186, 15.4249, 6.5758
YIQ	82.6740, 102.6000, 56.9040

# Conversions

## Conversions Part 2

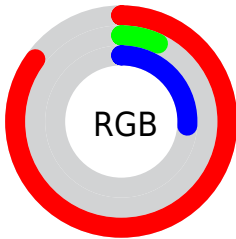
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	216, 18, 66
Decimal	14160450
CIELab	46.21, 70.45, 28.79
CIElCh	46, 76.108, 22.229
Yxy	15.4249, 0.5730, 0.2994
Android (android.graphics.Color)	4292350530 (0xFFD81242)
YUV	82.6740, -8.2203, 116.9269
Hunter-Lab	39.2745, 65.4294, 17.5652

# Details

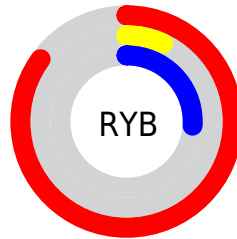
The Hex color **D81242** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **12D8A8**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5E72**, and **990018** is the 20% darker color. If you saturate the color by 10%, you get **D80034**, and if you desaturate by 10%, it is **D82852**.

# Distribution



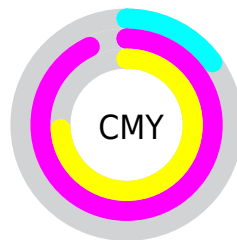
- Red (85%)
- Green (7%)
- Blue (26%)



- Red (85%)
- Yellow (7%)
- Blue (26%)



- Cyan (0%)
- Magenta (92%)
- Yellow (69%)
- Black (15%)



- Cyan (15%)
- Magenta (93%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D81242 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 D81242 by changing the saturation by 10% instead.



 D81242

 D81242

FFFFFF

 B8002C

 FF5E72

 990018

 FF7C8B

 7A0000

 FF99A5

 5A0002

 FFB6C0

 3D0003

 FFD4DC

 170000

 FFF2F9

 000000

 D81242

 D81242

 D80034

 D82852

 D83D63

 D85373

 D86883

 D87E94

 D894A4

 D8A9B5

 D8BFC5

 D8D4D5

# Harmonies

## Analogous

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



D30081



D81242



C04500

# Triad

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



D81242



00820E



007BEE

# Complementary

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



D81242



12D8A8

# 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.



0085D3



D81242



00875A

# Square

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



D81242



587800



00889C



2E64E5

# Rectangle

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



D81242



A45C00



00889C



007FE8



# Sweetspot

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



D81242



FFB8C9



A612D8



80545F



000000



808080



# Same Dimension

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



D81242



FF003E



D84412



6B6063



AB0029



2B000B



# Inverse Universe

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



D81242



FF003E



12A6D8



6B6063



AB0029



2B000B



# Previews

## White Background



This preview shows how the Hex color D81242 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 D81242 Background



This preview shows how black text looks on a background with the Hex color D81242.

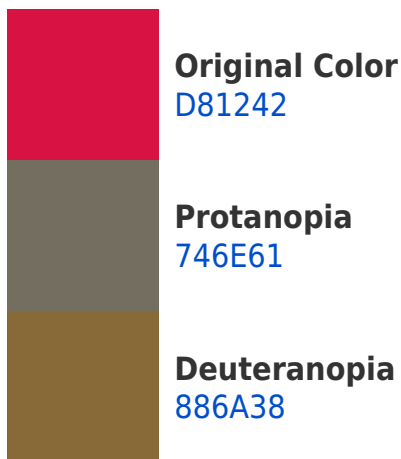


This preview shows how white text looks on a background with the Hex color D81242.

# Color Blindness Simulation

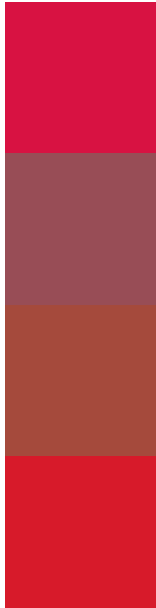
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
D81242

**Protanomaly**  
984D56

**Deuteranomaly**  
A54A3C

**Tritanomaly**  
D71A2A

# Monochromacy



**Original Color**  
D81242

**Achromatopsia**  
535353

**Achromatomaly**  
833B4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D81242 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 #D81242 looks like.

```
.text, #text, p{  
    color:#D81242  
}
```

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 #D81242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D81242
}
```

## Border

The CSS property to change the border of an element to Hex D81242 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
#D81242 }
```

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

```
.border{ border-color:#D81242 }
```

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

Here you see how a box with a 4 pixel #D81242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D81242; -webkit-box-shadow:4px 4px  
4px 4px #D81242; box-shadow:4px 4px 4px  
4px #D81242 }
```

# Background

The CSS property to change the background color of an element to Hex D81242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D81242 }
```

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

```
.background{ background-color:#D81242 }
```

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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