

# Converting Colors

Hex(D81164)

Have a look what the booklet for  
Hex(D81164) contains.

<b>Hex(D81164)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D81164)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D81164
RGB	216, 17, 100
RGB Percent	85%, 7%, 39%
CMY	0.1529, 0.9333, 0.6078
CMYK	0.00, 0.92, 0.54, 0.15
HSL	335°, 85%, 46%
HSV	335°, 92%, 85%
XYZ	30.8196, 15.9199, 13.5051
YIQ	85.9630, 91.9610, 68.0010

# Conversions

## Conversions Part 2

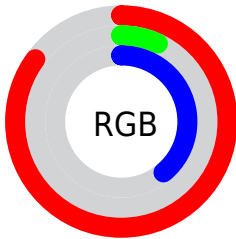
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 17, 100
Decimal	14160228
CIE <sub>Lab</sub>	46.87, 72.52, 8.65
CIE <sub>LCh</sub>	47, 73.031, 6.805
Yxy	15.9199, 0.5116, 0.2643
Android (android.graphics.Color)	4292350308 (0xFFD81164)
YUV	85.9630, 6.9202, 114.0424
Hunter-Lab	39.8998, 68.0533, 7.8617

# Details

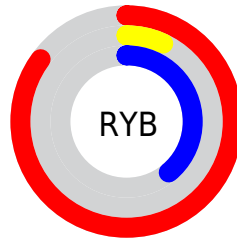
The Hex color **D81164** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **11D885**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF5E96**, and **9A0036** is the 20% darker color. If you saturate the color by 10%, you get **D8005A**, and if you desaturate by 10%, it is **D82771**.

# Distribution



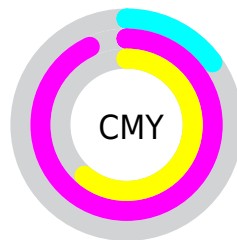
- Red (85%)
- Green (7%)
- Blue (39%)



- Red (85%)
- Yellow (7%)
- Blue (39%)



- Cyan (0%)
- Magenta (92%)
- Yellow (54%)
- Black (15%)



- Cyan (15%)
- Magenta (93%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D81164 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 D81164 by changing the saturation by 10% instead.



 D81164

 D81164

FFFFFF

 B9004C

 FF5E96

 9A0036

 FF7DB1

 7B0021

 FF9ACC

 5D000A

 FFB8E9

 400003

 FFD5FF

 1D0001

 FFF3FF

 000000

 D81164

 D81164

 D8005A

 D82771

 D83C7D

 D8528A

 D86796

 D87DA3

 D893B0

 D8A8BC

 D8BEC9

 D8D3D5

# Harmonies

## Analogous

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



C12FA1



D81164



CE3628

# Triad

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



D81164



357F00



0082E1

# Complementary

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



D81164



11D885

# 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.



0088B8



D81164



00863B

# Square

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



D81164



7B7100



00897C



0073EB

# Rectangle

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



D81164



BA4F00



00897C



0085D6



# Sweetspot

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



D81164



FFB8D5



8211D8



805466



000000



808080



# Same Dimension

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



D81164



FF006A



D81E11



6B6065



AB0047



2B0012



# Inverse Universe

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



D81164



FF006A



11CBD8



6B6065



AB0047



2B0012



# Previews

## White Background



This preview shows how the Hex color D81164 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 D81164 Background



This preview shows how black text looks on a background with the Hex color D81164.

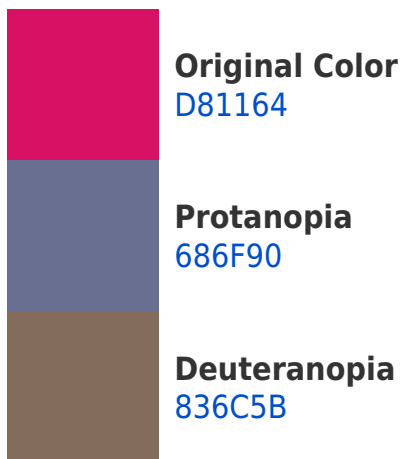


This preview shows how white text looks on a background with the Hex color D81164.

# 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**  
D62A2A

# Trichromacy



**Original Color**  
D81164



**Protanomaly**  
914D80



**Deuteranomaly**  
A24B5E



**Tritanomaly**  
D7213F

# Monochromacy



**Original Color**  
D81164



**Achromatopsia**  
565656



**Achromatomaly**  
853D5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D81164 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 #D81164 looks like.

```
.text, #text, p{  
    color:#D81164  
}
```

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 #D81164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D81164
}
```

## Border

The CSS property to change the border of an element to Hex D81164 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
#D81164 }
```

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

```
.border{ border-color:#D81164 }
```

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

Here you see how a box with a 4 pixel #D81164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D81164; -webkit-box-shadow:4px 4px  
4px 4px #D81164; box-shadow:4px 4px 4px  
4px #D81164 }
```

# Background

The CSS property to change the background color of an element to Hex D81164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D81164 }
```

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

```
.background{ background-color:#D81164 }
```

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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