

# Converting Colors

Hex(D10096)

Have a look what the booklet for  
Hex(D10096) contains.

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**Color**

**Hex(D10096)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D10096
RGB	209, 0, 150
RGB Percent	82%, 0%, 59%
CMY	0.1804, 1.0000, 0.4118
CMYK	0.00, 1.00, 0.28, 0.18
HSL	317°, 100%, 41%
HSV	317°, 100%, 82%
XYZ	31.7995, 15.7573, 30.2196
YIQ	79.5910, 76.4140, 90.9580

# Conversions

## Conversions Part 2

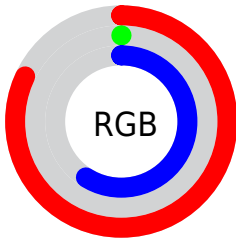
<b>Format</b>	<b>Color</b>
<b>RYB</b>	209, 0, 150
Decimal	13697174
CIELab	46.65, 77.05, -22.43
CIELCh	47, 80.245, 343.766
Yxy	15.7573, 0.4089, 0.2026
Android (android.graphics.Color)	4291887254 (0xFFD10096)
YUV	79.5910, 34.7116, 113.4917
Hunter-Lab	39.6955, 73.5268, -17.3498

# Details

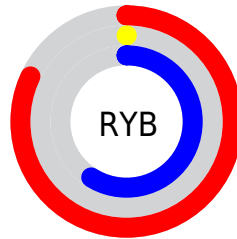
The Hex color **D10096** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00D13B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5BCC**, and **950063** is the 20% darker color. If you saturate the color by 10%, you get **D10096**, and if you desaturate by 10%, it is **D1159C**.

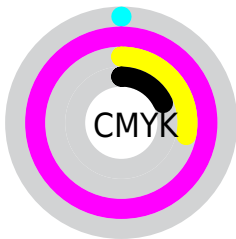
# Distribution



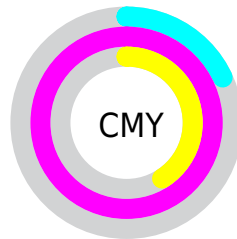
- Red (82%)
- Green (0%)
- Blue (59%)



- Red (82%)
- Yellow (0%)
- Blue (59%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D10096 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 D10096 by changing the saturation by 10% instead.



 D10096

 D10096

FFFFFF

 B3007C

 FF5BCC

 950063

 FF7AE9

 78004B

 FF98FF

 5B0034

 FFB5FF

 3F001F

 FFD3FF

 210001

 FFF1FF

 000000

 D10096

 D1159C

 D12AA2

 D13FA8

 D154AE

 D169B3

 D17DB9

 D192BF

 D1A7C5

 D1BCCB

# Harmonies

## Analogous

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



9449D1



D10096



E00053

# Triad

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



D10096



6B7500



0089CC

# Complementary

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



D10096



00D13B

# 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.



008A8D



D10096



008200

# Square

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



D10096



A45E00



008846



0081F2

# Rectangle

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



D10096



D72227



008846



008AB9



# Sweetspot

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



D10096



FFB3E9



3800D1



805273



000000



808080



# Same Dimension

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



D10096



FF00B7



D10031



695E66



A80079



29001D



# Inverse Universe

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



D10096



FF00B7



00D1A0



695E66



A80079



29001D



# Previews

## White Background



This preview shows how the Hex color D10096 looks on a white background.

## Color Contrast Check

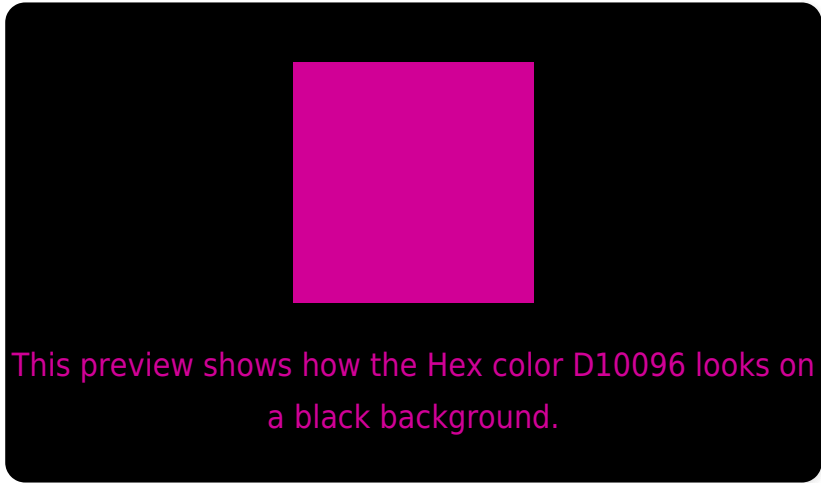
Large Text (above 18pt) WCAG AA ✓ Pass

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 D10096 Background



This preview shows how black text looks on a background with the Hex color D10096.



This preview shows how white text looks on a background with the Hex color D10096.

# 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**  
D10096



**Protanomaly**  
6F45BF



**Deuteranomaly**  
914690



**Tritanomaly**  
CD265E

# Monochromacy



**Original Color**  
D10096



**Achromatopsia**  
505050



**Achromatomaly**  
7F3369

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D10096 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 #D10096 looks like.

```
.text, #text, p{  
    color:#D10096  
}
```

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 #D10096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D10096
}
```

## Border

The CSS property to change the border of an element to Hex D10096 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
#D10096 }
```

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

```
.border{ border-color:#D10096 }
```

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

Here you see how a box with a 4 pixel #D10096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D10096; -webkit-box-shadow:4px 4px  
4px 4px #D10096; box-shadow:4px 4px 4px  
4px #D10096 }
```

# Background

The CSS property to change the background color of an element to Hex D10096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D10096 }
```

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

```
.background{ background-color:#D10096 }
```

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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