

# Converting Colors

Hex(D30068)

Have a look what the booklet for  
Hex(D30068) contains.

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**Color**

**Hex(D30068)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D30068
RGB	211, 0, 104
RGB Percent	83%, 0%, 41%
CMY	0.1725, 1.0000, 0.5922
CMYK	0.00, 1.00, 0.51, 0.17
HSL	330°, 100%, 41%
HSV	330°, 100%, 83%
XYZ	29.3627, 14.8484, 14.4151
YIQ	74.9450, 92.3720, 77.0760

# Conversions

## Conversions Part 2

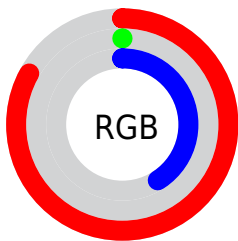
<b>Format</b>	<b>Color</b>
<b>RYB</b>	211, 0, 104
Decimal	13828200
CIELab	45.43, 73.24, 3.97
CIElCh	45, 73.346, 3.105
Yxy	14.8484, 0.5008, 0.2533
Android (android.graphics.Color)	4292018280 (0xFFD30068)
YUV	74.9450, 14.3241, 119.3202
Hunter-Lab	38.5336, 68.5836, 4.7935

# Details

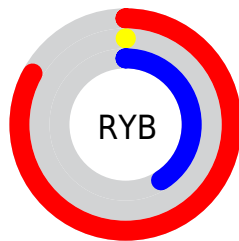
The Hex color **D30068** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00D36B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF599B**, and **95003A** is the 20% darker color. If you saturate the color by 10%, you get **D30068**, and if you desaturate by 10%, it is **D31573**.

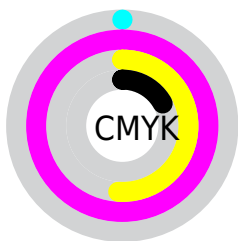
# Distribution



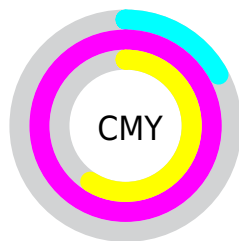
- Red (83%)
- Green (0%)
- Blue (41%)



- Red (83%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D30068 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 D30068 by changing the saturation by 10% instead.



 D30068

 D30068

FFFFFF

 B40050

 FF599B

 95003A

 FF78B6

 770024

 FF95D1

 59000F

 FFB3ED

 3C0003

 FFD1FF

 160000

 FFEFFF

 000000

 D30068

 D31573

 D32A7D

 D33F88

 D35493

 D36A9E

 D37FA8

 D394B3

 D3A9BE

 D3BEC8

# Harmonies

## Analogous

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



B72FA4



D30068



CD2B2C

# Triad

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



D30068



3C7A00



0080DA

# Complementary

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



D30068



00D36B

# 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.



0085AE



D30068



00822F

# Square

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



D30068



7E6B00



008570



0072E8

# Rectangle

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



D30068



BA4700



008570



0082CE



# Sweetspot

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



D30068



FFB3D8



6A00D3



805268



000000



808080



# Same Dimension

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



D30068



FF007E



D30000



695E63



A80053



290014



# Inverse Universe

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



D30068



FF007E



00D3D3



695E63



A80053



290014



# Previews

## White Background



This preview shows how the Hex color D30068 looks on a white background.

### Color Contrast Check

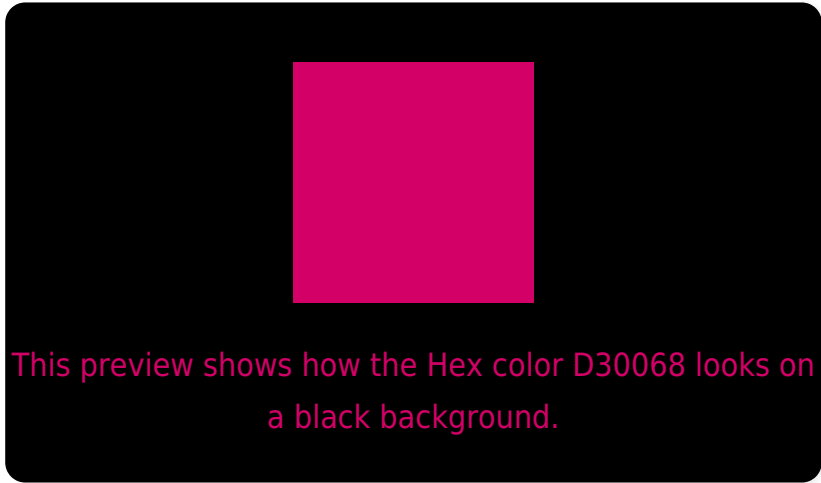
Large Text (above 18pt) WCAG AA ✓ Pass

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 D30068 Background



This preview shows how black text looks on a background with the Hex color D30068.

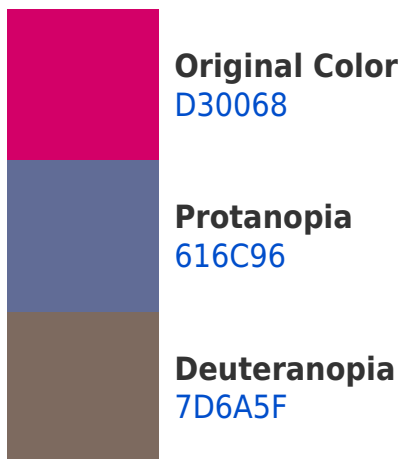


This preview shows how white text looks on a background with the Hex color D30068.

# 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**  
D30068



**Protanomaly**  
8A4585



**Deuteranomaly**  
9C4362



**Tritanomaly**  
D11A40

# Monochromacy



**Original Color**  
D30068



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
7C3056

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D30068 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 #D30068 looks like.

```
.text, #text, p{  
    color:#D30068  
}
```

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 #D30068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30068
}
```

## Border

The CSS property to change the border of an element to Hex D30068 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
#D30068 }
```

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

```
.border{ border-color:#D30068 }
```

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

Here you see how a box with a 4 pixel #D30068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30068; -webkit-box-shadow:4px 4px  
4px 4px #D30068; box-shadow:4px 4px 4px  
4px #D30068 }
```

# Background

The CSS property to change the background color of an element to Hex D30068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30068 }
```

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

```
.background{ background-color:#D30068 }
```

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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