

Converting Colors

Hex(D60068)

Have a look what the booklet for
Hex(D60068) contains.

Hex(D60068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D60068)

Conversions

Conversions Part 1

Format	Color
Hex	D60068
RGB	214, 0, 104
RGB Percent	84%, 0%, 41%
CMY	0.1608, 1.0000, 0.5922
CMYK	0.00, 1.00, 0.51, 0.16
HSL	331°, 100%, 42%
HSV	331°, 100%, 84%
XYZ	30.2302, 15.2956, 14.4557
YIQ	75.8420, 94.1600, 77.7120

Conversions

Conversions Part 2

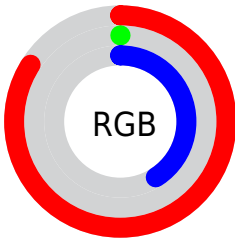
Format	Color
RYB	214, 0, 104
Decimal	14024808
CIELab	46.04, 73.90, 4.93
CIElCh	46, 74.067, 3.817
Yxy	15.2956, 0.5040, 0.2550
Android (android.graphics.Color)	4292214888 (0xFFD60068)
YUV	75.8420, 13.8819, 121.1646
Hunter-Lab	39.1096, 69.5319, 5.4619

Details

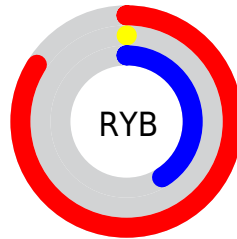
The Hex color **D60068** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00D66E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5A9B**, and **98003A** is the 20% darker color. If you saturate the color by 10%, you get **D60068**, and if you desaturate by 10%, it is **D61573**.

Distribution



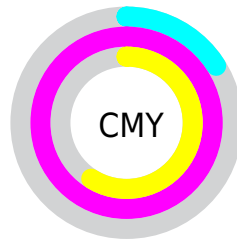
- Red (84%)
- Green (0%)
- Blue (41%)



- Red (84%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color D60068 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 D60068 by changing the saturation by 10% instead.

 D60068

 D60068

FFFFFF

 B70050

 FF5A9B

 98003A

 FF79B6

 7A0024

 FF96D1

 5C000F

 FFB4ED

 3F0003

 FFD2FF

 1B0001

 FFF0FF

 000000

 D60068

 D61573

 D62B7E

 D64089

 D65694

 D66B9F

 D680AA

 D696B5

 D6ABC0

 D6C1CB

Harmonies

Analogous

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



BB2FA5



D60068



CF2D2C

Triad

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



D60068



3B7C00



0081DD

Complementary

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



D60068



00D66E

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.



0087B1



D60068



008431

Square

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



D60068



7E6D00



008774



0073EB

Rectangle

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



D60068



BB4800



008774



0084D1

Sweetspot

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



D60068



FFB3D8



6B00D6



805268



000000



808080

Same Dimension

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



D60068



FF007C



D60000



6B6066



AB0053



2B0015

Inverse Universe

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



D60068



FF007C



00D6D6



6B6066



AB0053



2B0015

Previews

White Background



This preview shows how the Hex color D60068 looks on a white background.

Color Contrast Check

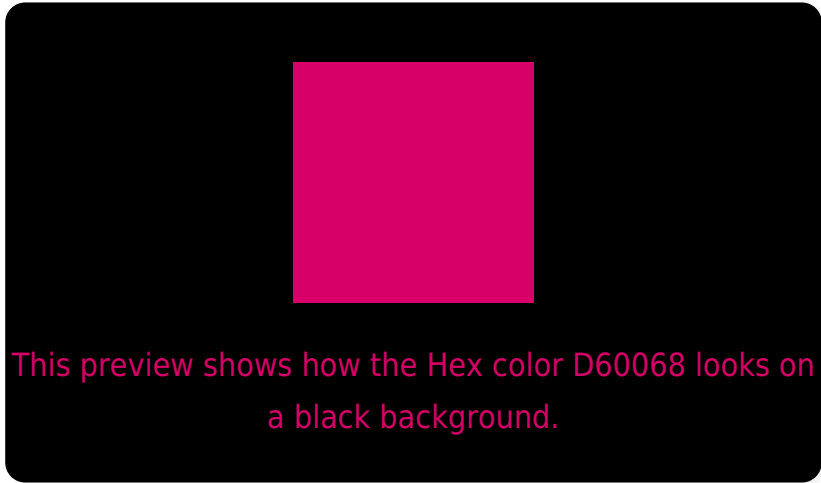
Large Text (above 18pt) WCAG AA ✓ Pass

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 D60068 Background



This preview shows how black text looks on a background with the Hex color D60068.

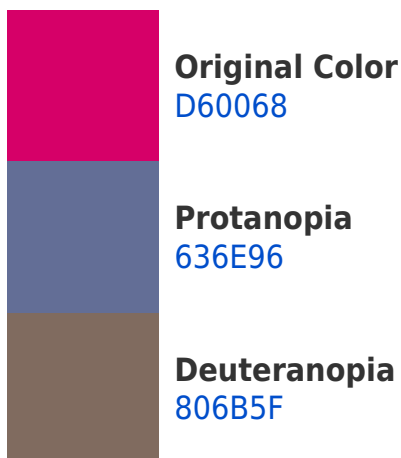


This preview shows how white text looks on a background with the Hex color D60068.

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
D32929

Trichromacy



Original Color
D60068



Protanomaly
8D4685



Deuteranomaly
9F4462

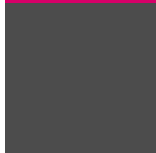


Tritanomaly
D41A40

Monochromacy



Original Color
D60068



Achromatopsia
4C4C4C



Achromatomaly
7E3056

CSS Examples

Text

The CSS property to change the color of the text to Hex D60068 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 #D60068 looks like.

```
.text, #text, p{  
    color:#D60068  
}
```

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 #D60068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D60068
}
```

Border

The CSS property to change the border of an element to Hex D60068 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
#D60068 }
```

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

```
.border{ border-color:#D60068 }
```

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

Here you see how a box with a 4 pixel #D60068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D60068; -webkit-box-shadow:4px 4px  
4px 4px #D60068; box-shadow:4px 4px 4px  
4px #D60068 }
```

Background

The CSS property to change the background color of an element to Hex D60068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D60068 }
```

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

```
.background{ background-color:#D60068 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor