

# Converting Colors

Hex(D36068)

Have a look what the booklet for  
Hex(D36068) contains.

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# Color

**Hex(D36068)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D36068
RGB	211, 96, 104
RGB Percent	83%, 38%, 41%
CMY	0.1725, 0.6235, 0.5922
CMYK	0.00, 0.55, 0.51, 0.17
HSL	356°, 57%, 60%
HSV	356°, 55%, 83%
XYZ	33.5455, 23.2141, 15.8094
YIQ	131.2970, 65.9720, 26.8680

# Conversions

## Conversions Part 2

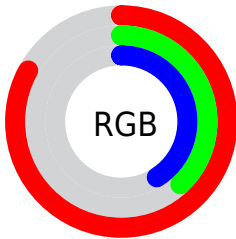
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">211, 96, 104</a>
Decimal	<a href="#">13852776</a>
CIELab	<a href="#">55.29, 46.05, 17.80</a>
CIELCh	<a href="#">55, 49.373, 21.130</a>
Yxy	<a href="#">23.2141, 0.4623, 0.3199</a>
Android (android.graphics.Color)	<a href="#">4292042856 (0xFFD36068)</a>
YUV	<a href="#">131.2970, -13.4574, 69.8995</a>
Hunter-Lab	<a href="#">48.1810, 39.9620, 14.2721</a>

# Details

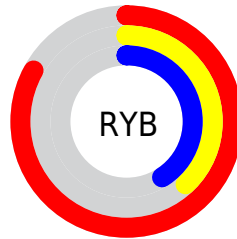
The Hex color **D36068** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **60D3CB**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF969B**, and **982B39** is the 20% darker color. If you saturate the color by 10%, you get **D34B54**, and if you desaturate by 10%, it is **D3757C**.

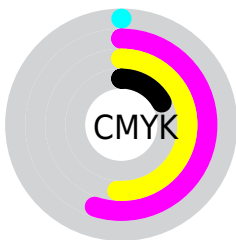
# Distribution



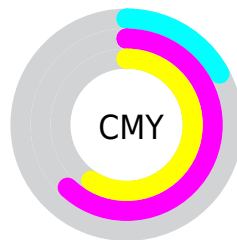
- Red (83%)
- Green (38%)
- Blue (41%)



- Red (83%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (55%)
- Yellow (51%)
- Black (17%)



- Cyan (17%)
- Magenta (62%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D36068 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 D36068 by changing the saturation by 10% instead.



 D36068

 D36068

FFFFFF

 B54650

 FF969B

 982B39

 FFB1B6

 7B0924

 FFCED1

 5E000F

 FFEBEE

 430000

 270001

 000000

 D36068

 D36068

 D34B54

 D3757C

 D33641

 D38A8F

 D3212D

 D39FA3

 D30C19

 D3B4B7

 D3000F

 D3CACA

 D3DFDE

 D3F4F1

 D3FFFF

# Harmonies

## Analogous

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



CC5F93



D36068



C56D43

# Triad

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



D36068



4A944C



008DD9

# Complementary

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



D36068



60D3CB

# 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.



0096C6



D36068



009976

# Square

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



D36068



7E8B2F



0099A2



707ED4

# Rectangle

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



D36068



B27831



0099A2



0090D5



# Sweetspot

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



D36068



FFD6D9



C960D3



806769



000000



808080



# Same Dimension

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



D36068



FF5965



D39060



695E5F



A8000C



290003



# Inverse Universe

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



D36068



FF5965



60A3D3



695E5F



A8000C



290003



# Previews

## White Background



This preview shows how the Hex color D36068 looks on a white background.

## Color Contrast Check

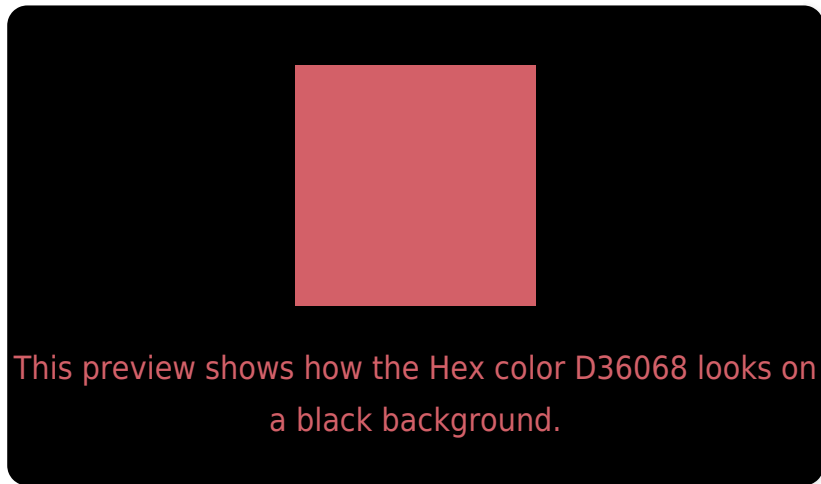
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D36068 Background



This preview shows how black text looks on a background with the Hex color D36068.

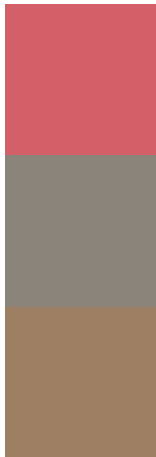


This preview shows how white text looks on a background with the Hex color D36068.

# 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



**Original Color**  
D36068

**Protanopia**  
8A847A

**Deuteranopia**  
9D7F63



**Tritanopia**  
D36067

# Trichromacy



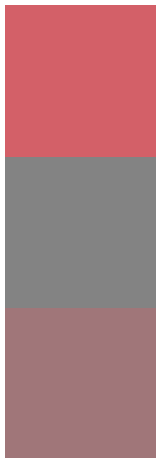
**Original Color**  
D36068

**Protanomaly**  
A57773

**Deuteranomaly**  
B17465

**Tritanomaly**  
D36067

# Monochromacy



**Original Color**  
D36068

**Achromatopsia**  
838383

**Achromatomaly**  
A07679

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D36068 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 #D36068 looks like.

```
.text, #text, p{  
    color:#D36068  
}
```

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 #D36068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36068
}
```

## Border

The CSS property to change the border of an element to Hex D36068 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
#D36068 }
```

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

```
.border{ border-color:#D36068 }
```

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

Here you see how a box with a 4 pixel #D36068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36068; -webkit-box-shadow:4px 4px  
4px 4px #D36068; box-shadow:4px 4px 4px  
4px #D36068 }
```

# Background

The CSS property to change the background color of an element to Hex D36068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36068 }
```

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

```
.background{ background-color:#D36068 }
```

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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