

# Converting Colors

Hex(D04968)

Have a look what the booklet for  
Hex(D04968) contains.

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# Color

**Hex(D04968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D04968
RGB	208, 73, 104
RGB Percent	82%, 29%, 41%
CMY	0.1843, 0.7137, 0.5922
CMYK	0.00, 0.65, 0.50, 0.18
HSL	346°, 59%, 55%
HSV	346°, 65%, 82%
XYZ	30.8937, 19.1745, 15.1695
YIQ	116.8990, 70.5090, 38.2610

# Conversions

## Conversions Part 2

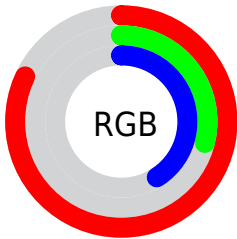
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 73, 104
Decimal	13650280
CIE <sub>Lab</sub>	50.89, 55.46, 11.65
CIE <sub>LCh</sub>	51, 56.668, 11.861
Yxy	19.1745, 0.4736, 0.2939
Android (android.graphics.Color)	4291840360 (0xFFD04968)
YUV	116.8990, -6.3592, 79.8956
Hunter-Lab	43.7887, 49.3047, 10.1125

# Details

The Hex color **D04968** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **49D0B1**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF809B**, and **940039** is the 20% darker color. If you saturate the color by 10%, you get **D03458**, and if you desaturate by 10%, it is **D05E78**.

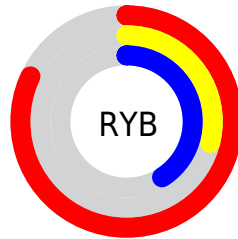
# Distribution



Red (82%)

Green (29%)

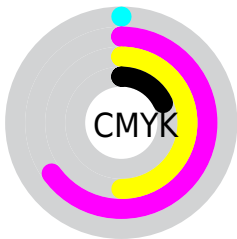
Blue (41%)



Red (82%)

Yellow (29%)

Blue (41%)

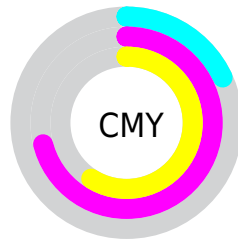


Cyan (0%)

Magenta (65%)

Yellow (50%)

Black (18%)



Cyan (18%)

Magenta (71%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D04968 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 D04968 by changing the saturation by 10% instead.



 D04968

 D04968

FFFFFF

 B22B50

 FF809B

 940039

 FF9CB6

 770024

 FFB9D1

 5A000F

 FFD6ED

 3F0002

 FFF3FF

 1E0001

 000000

 D04968

 D04968

 D03458

 D05E78

 D01F48

 D07388

 D00B38

 D08798

 D00030

 D09CA8

 D0B1B8

 D0C6C8

 D0DBD8

 D0EFE8

 D0FFF8

# Harmonies

## Analogous

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



C14F98



D04968



C6573B

# Triad

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



D04968



49882B



0087D5

# Complementary

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



D04968



49D0B1

# 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.



008EB9



D04968



008E59

# Square

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



D04968



7F7D02



00908C



3278D8

# Rectangle

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



D04968



B46520



00908C



008ACE



# Sweetspot

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



D04968



FFCFDA



B149D0



806269



000000



808080



# Same Dimension

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



D04968



FF3866



D06D49



695E60



A80027



290009



# Inverse Universe

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



D04968



FF3866



49ACD0



695E60



A80027



290009



# Previews

## White Background



This preview shows how the Hex color D04968 looks on a white background.

## Color Contrast Check

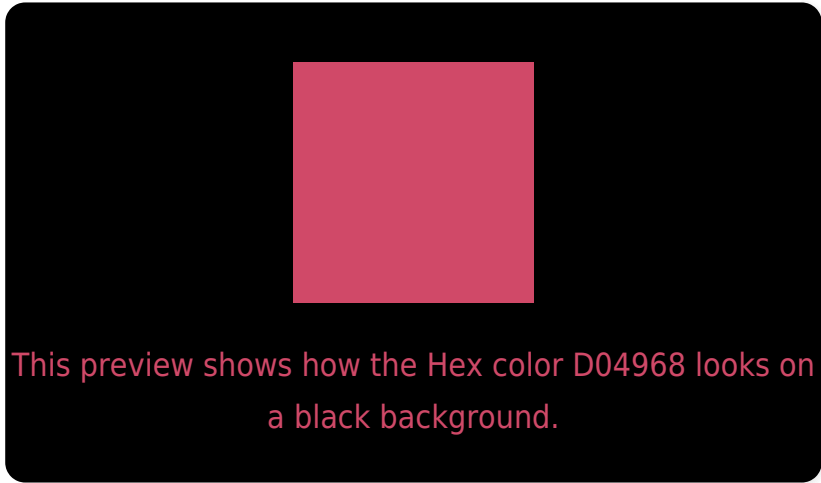
Large Text (above 18pt) WCAG AA ✓ Pass

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

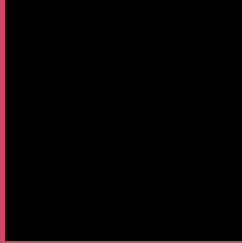
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D04968 Background



This preview shows how black text looks on a background with the Hex color D04968.



This preview shows how white text looks on a background with the Hex color D04968.

# 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**  
D04968

**Protanopia**  
7A7981

**Deuteranopia**  
8E7562



# Trichromacy



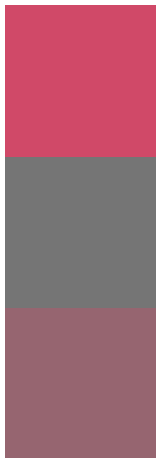
**Original Color**  
D04968

**Protanomaly**  
996878

**Deuteranomaly**  
A66564

**Tritanomaly**  
CF4C5A

# Monochromacy



**Original Color**  
D04968

**Achromatopsia**  
757575

**Achromatomaly**  
966570

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D04968 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 #D04968 looks like.

```
.text, #text, p{  
  color:#D04968  
}
```

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 #D04968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04968
}
```

## Border

The CSS property to change the border of an element to Hex D04968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

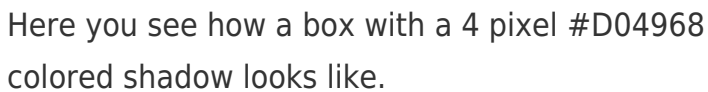
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D04968 }
```

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

```
.border{ border-color:#D04968 }
```

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



Here you see how a box with a 4 pixel #D04968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04968; -webkit-box-shadow:4px 4px  
4px 4px #D04968; box-shadow:4px 4px 4px  
4px #D04968 }
```

# Background

The CSS property to change the background color of an element to Hex D04968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04968 }
```

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

```
.background{ background-color:#D04968 }
```

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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