

# Converting Colors

Hex(D06172)

Have a look what the booklet for  
Hex(D06172) contains.

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**Color**

**Hex(D06172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D06172
RGB	208, 97, 114
RGB Percent	82%, 38%, 45%
CMY	0.1843, 0.6196, 0.5529
CMYK	0.00, 0.53, 0.45, 0.18
HSL	351°, 54%, 60%
HSV	351°, 53%, 82%
XYZ	33.3244, 23.1742, 18.6363
YIQ	132.1270, 60.6990, 28.8190

# Conversions

## Conversions Part 2

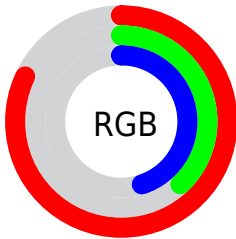
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 97, 114</a>
Decimal	<a href="#">13656434</a>
CIELab	<a href="#">55.25, 45.45, 11.80</a>
CIElCh	<a href="#">55, 46.959, 14.557</a>
Yxy	<a href="#">23.1742, 0.4435, 0.3084</a>
Android (android.graphics.Color)	<a href="#">4291846514</a> (0xFFD06172)
YUV	<a href="#">132.1270, -8.9366, 66.5406</a>
Hunter-Lab	<a href="#">48.1396, 39.3215, 10.7448</a>

# Details

The Hex color **D06172** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **61D0BF**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF97A6**, and **952C42** is the 20% darker color. If you saturate the color by 10%, you get **D04C60**, and if you desaturate by 10%, it is **D07684**.

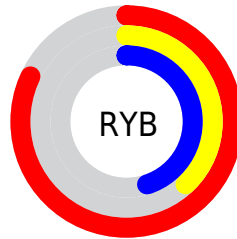
# Distribution



Red (82%)

Green (38%)

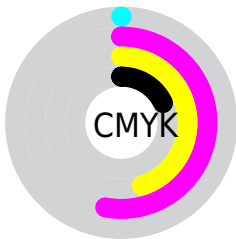
Blue (45%)



Red (82%)

Yellow (38%)

Blue (45%)

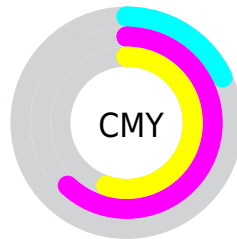


Cyan (0%)

Magenta (53%)

Yellow (45%)

Black (18%)



Cyan (18%)

Magenta (62%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D06172 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 D06172 by changing the saturation by 10% instead.



 D06172

 D06172

FFFFFF

 B2475A

 FF97A6

 952C42

 FFB2C1

 790C2C

 FFCFDD

 5D0018

 FFECE9

 420000

 260001

 000000

 D06172

 D06172

 D04C60

 D07684

 D0374F

 D08B95

 D0233D

 D09FA7

 D00E2C

 D0B4B8

 D00020

 D0C9CA

 D0DEDC

 D0F3ED

 D0FFFF

# Harmonies

## Analogous

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



C4649B



D06172



C66B4D

# Triad

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



D06172



5A9248



008FD2

# Complementary

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



D06172



61D0BF

# 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.



0096BC



D06172



00976D

# Square

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



D06172



888831



009997



6182D3

# Rectangle

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



D06172



B7753A



009997



0092CD



# Sweetspot

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



D06172



FFD6DC



BE61D0



80676B



000000



808080



# Same Dimension

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



D06172



FF5C75



D08661



695E60



A8001A



290006



# Inverse Universe

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



D06172



FF5C75



61ABD0



695E60



A8001A



290006



# Previews

## White Background



This preview shows how the Hex color D06172 looks on a white background.

## Color Contrast Check

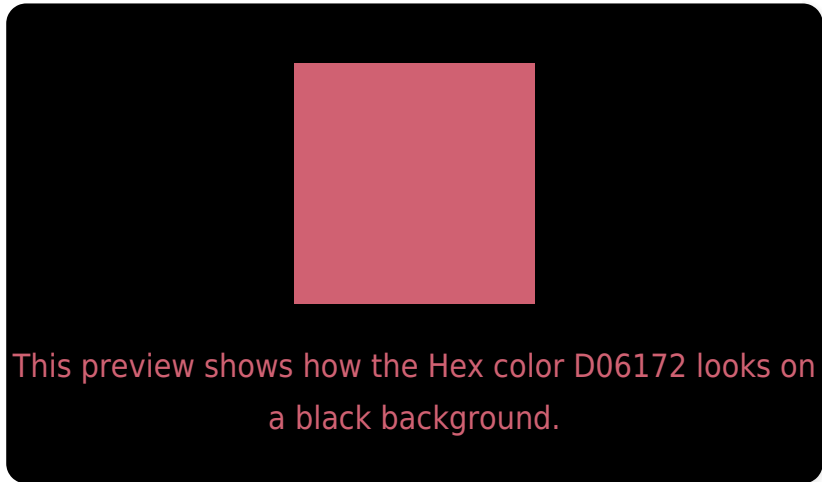
Large Text (above 18pt) WCAG AA ✓ Pass

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 D06172 Background



This preview shows how black text looks on a background with the Hex color D06172.

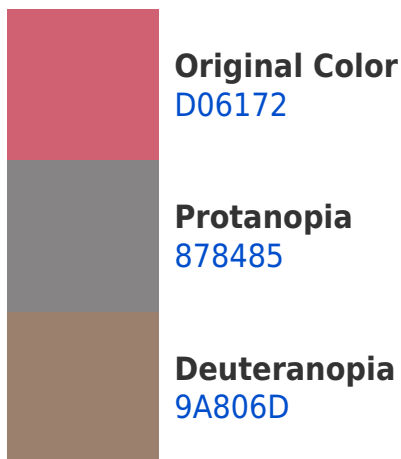


This preview shows how white text looks on a background with the Hex color D06172.

# 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**  
CF6269

# Trichromacy



**Original Color**  
D06172

**Protanomaly**  
A2777E

**Deuteranomaly**  
AE756F

**Tritanomaly**  
CF626C

# Monochromacy



**Original Color**  
D06172

**Achromatopsia**  
848484

**Achromatomaly**  
A0777D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D06172 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 #D06172 looks like.

```
.text, #text, p{  
    color:#D06172  
}
```

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 #D06172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06172
}
```

## Border

The CSS property to change the border of an element to Hex D06172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

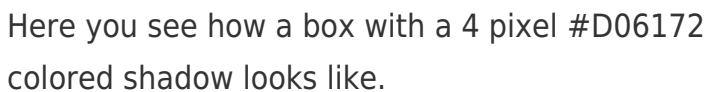
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D06172 }
```

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

```
.border{ border-color:#D06172 }
```

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



Here you see how a box with a 4 pixel `#D06172` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06172; -webkit-box-shadow:4px 4px  
4px 4px #D06172; box-shadow:4px 4px 4px  
4px #D06172 }
```

# Background

The CSS property to change the background color of an element to Hex D06172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06172 }
```

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

```
.background{ background-color:#D06172 }
```

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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