

# Converting Colors

Hex(DD606B)

Have a look what the booklet for  
Hex(DD606B) contains.

|  |    |
|--|----|
| <b>Hex(DD606B)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(DD606B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | DD606B                     |
| RGB           | 221, 96, 107               |
| RGB Percent   | 87%, 38%, 42%              |
| CMY           | 0.1333, 0.6235, 0.5804     |
| CMYK          | 0.00, 0.57, 0.52, 0.13     |
| HSL           | 355°, 65%, 62%             |
| HSV           | 355°, 57%, 87%             |
| XYZ           | 36.6555, 24.7994, 16.7647  |
| YIQ           | 134.6290, 70.9690, 29.9210 |

# Conversions

## Conversions Part 2

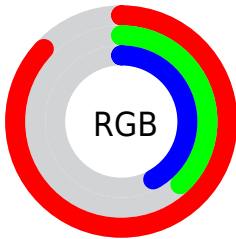
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 221, 96, 107                   |
| Decimal                             | 14508139                       |
| CIE Lab                             | 56.88, 49.81, 18.46            |
| CIE LCh                             | 57, 53.121, 20.334             |
| Yxy                                 | 24.7994, 0.4686,<br>0.3170     |
| Android<br>(android.graphics.Color) | 4292698219<br>(0xFFDD606B)     |
| YUV                                 | 134.6290, -13.6211,<br>75.7474 |
| Hunter-Lab                          | 49.7990, 44.2400,<br>14.8995   |

# Details

The Hex color **DD606B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **60DDD2**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF969E**, and **A1293C** is the 20% darker color. If you saturate the color by 10%, you get **DD4A57**, and if you desaturate by 10%, it is **DD767F**.

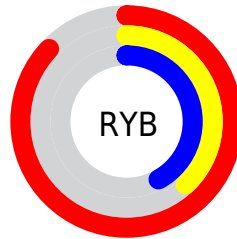
# Distribution



Red (87%)

Green (38%)

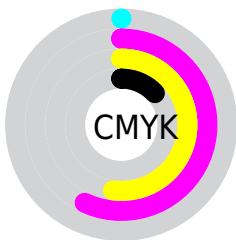
Blue (42%)



Red (87%)

Yellow (38%)

Blue (42%)

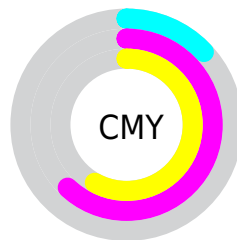


Cyan (0%)

Magenta (57%)

Yellow (52%)

Black (13%)



Cyan (13%)

Magenta (62%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD606B 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 DD606B by changing the saturation by 10% instead.



 DD606B

 DD606B

FFFFFF

 BF4553

 FF969E

 A1293C

 FFB2B9

 840226

 FFCFD5

 670012

 FFECF1

 4A0000

 2F0002

 000000

 DD606B

 DD606B

 DD4A57

 DD767F

 DD3443

 DD8C93

 DD1E2F

 DDA2A7

 DD081A

 DDB8BC

 DD0013

 DDCFD0

 DDE5E4

 DDFBF8

 DDFFFF

# Harmonies

## Analogous

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



D5609A



DD606B



CE6F42

# Triad

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



DD606B



4A994A



0092E4

# Complementary

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



DD606B



60DDD2

# 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.



009BCF



DD606B



009E77

# Square

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



DD606B



83902A



009FA7



6F82E0

# Rectangle

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



DD606B



BA7B2E



009FA7



0096DF



# Sweetspot

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



DD606B



FFD4D7



D160DD



806668



000000



808080



# Same Dimension

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



DD606B



FF5261



DD9260



6E6364



AD000F



2E0004



# Inverse Universe

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



DD606B



FF5261



60ABDD



6E6364



AD000F



2E0004



# Previews

## White Background



This preview shows how the Hex color DD606B looks on a white background.

## Color Contrast Check

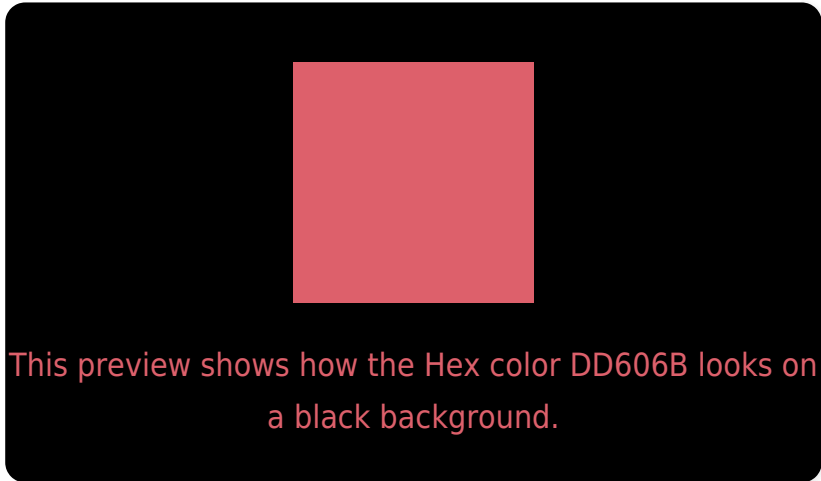
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD606B Background



This preview shows how black text looks on a background with the Hex color DD606B.

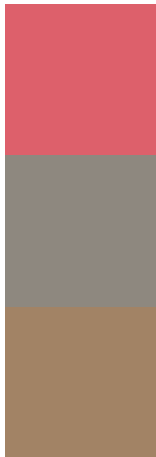


This preview shows how white text looks on a background with the Hex color DD606B.

# 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



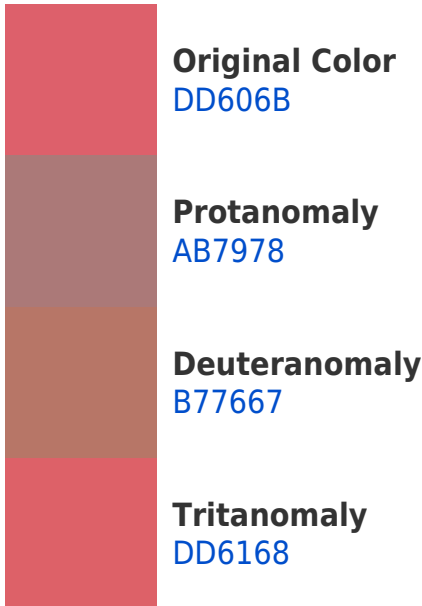
**Original Color**  
DD606B

**Protanopia**  
8E887F

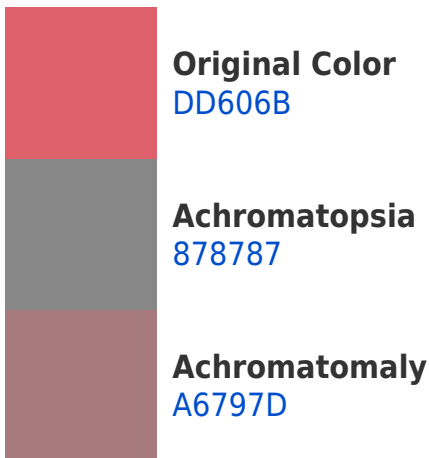
**Deuteranopia**  
A28365



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD606B 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 #DD606B looks like.

```
.text, #text, p{  
    color:#DD606B  
}
```

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 #DD606B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD606B
}
```

## Border

The CSS property to change the border of an element to Hex DD606B 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
#DD606B }
```

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

```
.border{ border-color:#DD606B }
```

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

Here you see how a box with a 4 pixel #DD606B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD606B; -webkit-box-shadow:4px 4px  
4px 4px #DD606B; box-shadow:4px 4px 4px  
4px #DD606B }
```

# Background

The CSS property to change the background color of an element to Hex DD606B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD606B }
```

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

```
.background{ background-color:#DD606B }
```

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