

# Converting Colors

Hex(DE6C84)

Have a look what the booklet for  
Hex(DE6C84) contains.

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# **Color**

**Hex(DE6C84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE6C84
RGB	222, 108, 132
RGB Percent	87%, 42%, 52%
CMY	0.1294, 0.5765, 0.4824
CMYK	0.00, 0.51, 0.41, 0.13
HSL	347°, 63%, 65%
HSV	347°, 51%, 87%
XYZ	39.6516, 27.9207, 25.1292
YIQ	144.8220, 60.2400, 31.6320

# Conversions

## Conversions Part 2

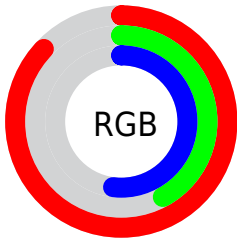
Format	Color
R <sub>Y</sub> B	222, 108, 132
Decimal	14576772
CIE Lab	59.82, 46.81, 8.04
CIE LCh	60, 47.492, 9.747
Yxy	27.9207, 0.4277, 0.3012
Android (android.graphics.Color)	4292766852 (0xFFDE6C84)
YUV	144.8220, -6.3212, 67.6851
Hunter-Lab	52.8400, 41.4780, 8.7914

# Details

The Hex color **DE6C84** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **6CDEC6**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA2B9**, and **A33753** is the 20% darker color. If you saturate the color by 10%, you get **DE5672**, and if you desaturate by 10%, it is **DE8296**.

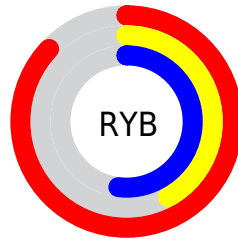
# Distribution



Red (87%)

Green (42%)

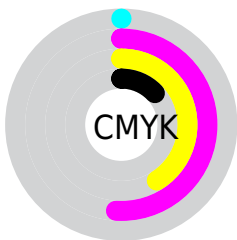
Blue (52%)



Red (87%)

Yellow (42%)

Blue (52%)

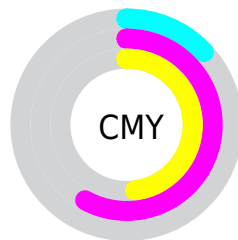


Cyan (0%)

Magenta (51%)

Yellow (41%)

Black (13%)



Cyan (13%)

Magenta (58%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE6C84 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 DE6C84 by changing the saturation by 10% instead.



 DE6C84

 DE6C84

FFFFFF

 C0516B

 FFA2B9

 A33753

 FFBED5

 861A3C

 FFDBF1

 6A0026

 FFF8FF

 4F0012

 360002

 080000

 000000

 DE6C84

 DE6C84

 DE5672

 DE8296

 DE4061

 DE98A7

 DE294F

 DEAFB9

 DE133E

 DEC5CA

 DE002F

 DEDBDC

 DEF1ED

 DEFFFF

# Harmonies

## Analogous

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



CE71AE



DE6C84



D8745D

# Triad

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



DE6C84



6E9D4D



009CDE

# Complementary

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



DE6C84



6CDEC6

# 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.



00A3C4



DE6C84



2AA372

# Square

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



DE6C84



9B923A



00A59D



6090E2

# Rectangle

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



DE6C84



C97E48



00A59D



009FD8



# Sweetspot

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



DE6C84



FFD9E1



C56CDE



80696D



000000



808080



# Same Dimension

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



DE6C84



FF6182



DE8C6C



706567



B00025



30000A



# Inverse Universe

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



DE6C84



FF6182



6CBEDE



706567



B00025



30000A



# Previews

## White Background



This preview shows how the Hex color DE6C84 looks on a white background.

## Color Contrast Check

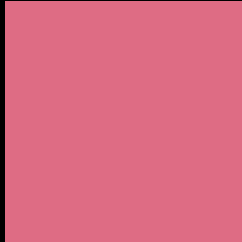
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DE6C84 looks on a 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 DE6C84 Background



This preview shows how black text looks on a background with the Hex color DE6C84.



This preview shows how white text looks on a background with the Hex color DE6C84.

# 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](#).

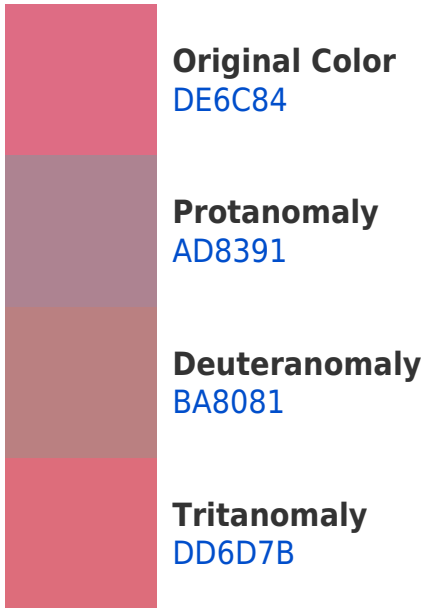
## Dichromacy



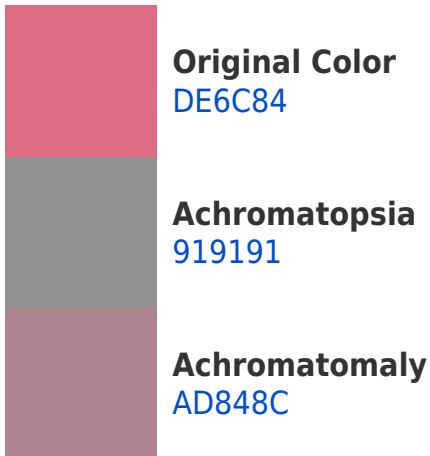


**Tritanopia**  
DD6E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE6C84 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 #DE6C84 looks like.

```
.text, #text, p{  
    color:#DE6C84  
}
```

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 #DE6C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6C84
}
```

## Border

The CSS property to change the border of an element to Hex DE6C84 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
#DE6C84 }
```

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

```
.border{ border-color:#DE6C84 }
```

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

Here you see how a box with a 4 pixel #DE6C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6C84; -webkit-box-shadow:4px 4px  
4px 4px #DE6C84; box-shadow:4px 4px 4px  
4px #DE6C84 }
```

# Background

The CSS property to change the background color of an element to Hex DE6C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6C84 }
```

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

```
.background{ background-color:#DE6C84 }
```

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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