

# Converting Colors

Hex(DC6B74)

Have a look what the booklet for  
Hex(DC6B74) contains.

<b>Hex(DC6B74)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DC6B74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC6B74
RGB	220, 107, 116
RGB Percent	86%, 42%, 45%
CMY	0.1373, 0.5804, 0.5451
CMYK	0.00, 0.51, 0.47, 0.14
HSL	355°, 62%, 64%
HSV	355°, 51%, 86%
XYZ	37.9253, 26.9920, 19.7341
YIQ	141.8130, 64.4590, 26.7550

# Conversions

## Conversions Part 2

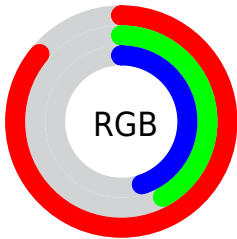
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 107, 116
Decimal	14445428
CIE <sub>Lab</sub>	58.97, 44.97, 16.07
CIE <sub>LCh</sub>	59, 47.753, 19.665
Yxy	26.9920, 0.4480, 0.3189
Android (android.graphics.Color)	4292635508 (0xFFDC6B74)
YUV	141.8130, -12.7258, 68.5700
Hunter-Lab	51.9538, 39.3824, 13.8470

# Details

The Hex color **DC6B74** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6BDCD3**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA1A8**, and **A13644** is the 20% darker color. If you saturate the color by 10%, you get **DC5560**, and if you desaturate by 10%, it is **DC8188**.

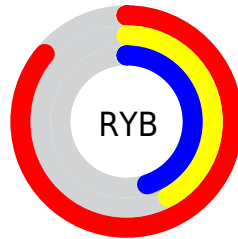
# Distribution



Red (86%)

Green (42%)

Blue (45%)



Red (86%)

Yellow (42%)

Blue (45%)

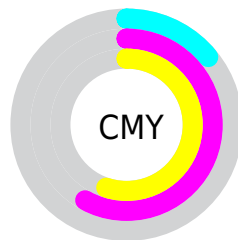


Cyan (0%)

Magenta (51%)

Yellow (47%)

Black (14%)



Cyan (14%)

Magenta (58%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC6B74 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 DC6B74 by changing the saturation by 10% instead.



 DC6B74

 DC6B74

FFFFFF

 BE515B

 FFA1A8

 A13644

 FFBDC3

 841A2E

 FFD9DF

 67001A

 FFF6FC

 4C0000

 320002

 000000

 DC6B74

 DC6B74

 DC5560

 DC8188

 DC3F4C

 DC979C

 DC2937

 DCADB1

 DC1323

 DCC3C5

 DC0012

 DCD9D9

 DCEFED

 DCFFFF

# Harmonies

## Analogous

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



D46B9E



DC6B74



CF774F

# Triad

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



DC6B74



5A9D55



0097E0

# Complementary

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



DC6B74



6BDCD3

# 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.



009FCD



DC6B74



00A27D

# Square

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



DC6B74



8B943B



00A3A9



7889DD

# Rectangle

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



DC6B74



BD813E



00A3A9



009ADC



# Sweetspot

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



DC6B74



FFD9DC



D36BDC



80696A



000000



808080



# Same Dimension

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



DC6B74



FF616D



DC9A6B



6E6364



AD000E



2E0004



# Inverse Universe

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



DC6B74



FF616D



6BADDC



6E6364



AD000E



2E0004



# Previews

## White Background



This preview shows how the Hex color DC6B74 looks on a white background.

## Color Contrast Check

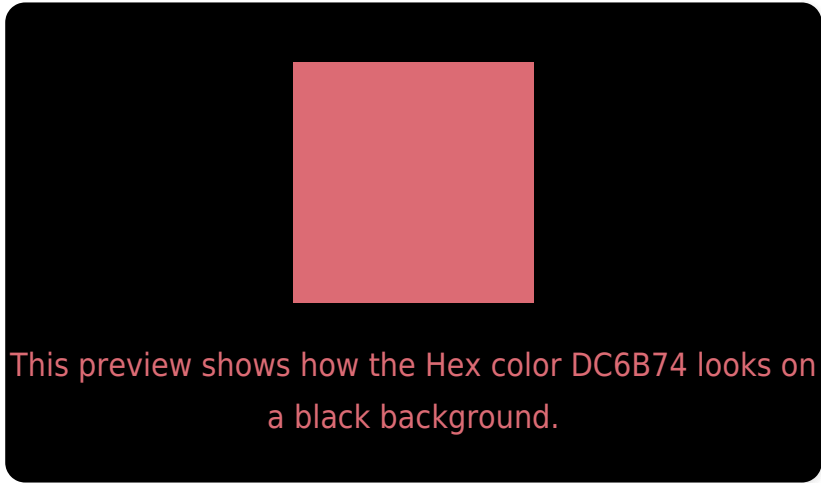
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC6B74 Background



This preview shows how black text looks on a background with the Hex color DC6B74.

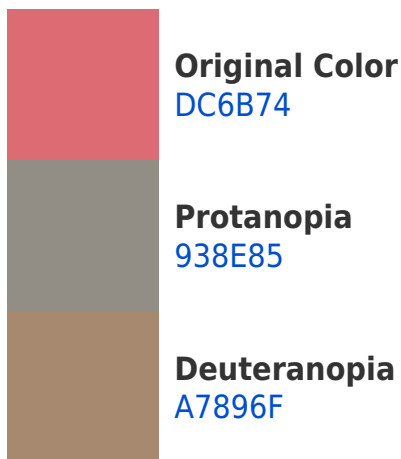


This preview shows how white text looks on a background with the Hex color DC6B74.

# 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**  
DC6B73

# Trichromacy



**Original Color**  
DC6B74



**Protanomaly**  
AE817F



**Deuteranomaly**  
BA7E71



**Tritanomaly**  
DC6B73

# Monochromacy



**Original Color**  
DC6B74



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
AA8185

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC6B74 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 #DC6B74 looks like.

```
.text, #text, p{  
    color:#DC6B74  
}
```

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 #DC6B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC6B74
}
```

## Border

The CSS property to change the border of an element to Hex DC6B74 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
#DC6B74 }
```

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

```
.border{ border-color:#DC6B74 }
```

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

Here you see how a box with a 4 pixel #DC6B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC6B74; -webkit-box-shadow:4px 4px  
4px 4px #DC6B74; box-shadow:4px 4px 4px  
4px #DC6B74 }
```

# Background

The CSS property to change the background color of an element to Hex DC6B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC6B74 }
```

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

```
.background{ background-color:#DC6B74 }
```

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