

Converting Colors

Hex(D74D77)

Have a look what the booklet for
Hex(D74D77) contains.

Hex(D74D77)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D74D77)

Conversions

Conversions Part 1

Format	Color
Hex	D74D77
RGB	215, 77, 119
RGB Percent	84%, 30%, 47%
CMY	0.1569, 0.6980, 0.5333
CMYK	0.00, 0.64, 0.45, 0.16
HSL	342°, 63%, 57%
HSV	342°, 64%, 84%
XYZ	34.0080, 21.0867, 19.7305
YIQ	123.0500, 68.7660, 42.3180

Conversions

Conversions Part 2

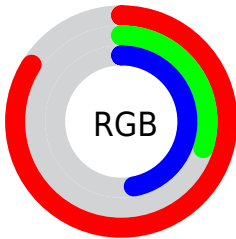
Format	Color
R_{YB}	215, 77, 119
Decimal	14110071
CIE Lab	53.04, 57.36, 5.87
CIE LCh	53, 57.658, 5.839
Yxy	21.0867, 0.4545, 0.2818
Android (android.graphics.Color)	4292300151 (0xFFD74D77)
YUV	123.0500, -1.9966, 80.6402
Hunter-Lab	45.9203, 51.8343, 6.6692

Details

The Hex color **D74D77** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **4DD7AD**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF85AB**, and **9B0547** is the 20% darker color. If you saturate the color by 10%, you get **D73768**, and if you desaturate by 10%, it is **D76286**.

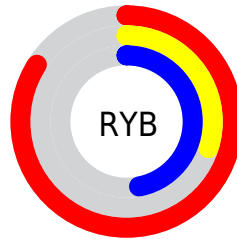
Distribution



Red (84%)

Green (30%)

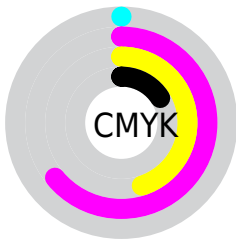
Blue (47%)



Red (84%)

Yellow (30%)

Blue (47%)

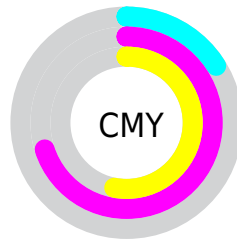


Cyan (0%)

Magenta (64%)

Yellow (45%)

Black (16%)



Cyan (16%)

Magenta (70%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color D74D77 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 D74D77 by changing the saturation by 10% instead.

 D74D77

 D74D77

FFFFFF

 B92F5E

 FF85AB

 9B0547

 FFA1C6

 7E0031

 FFBDE2

 61001C

 FFDAFF

 460002

 FFF8FF

 280001

 000000

 D74D77

 D74D77

 D73768

 D76286

 D72259

 D77895

 D70C4A

 D78DA4

 D70041

 D7A3B3

 D7B8C2

 D7CED1

 D7E3E0

 D7F9EF

 D7FFFE

Harmonies

Analogous

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



C257A8



D74D77



D15847

Triad

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



D74D77



5A8C26



008ED9

Complementary

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



D74D77



4DD7AD

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.



0095B8



D74D77



009354

Square

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



D74D77



8E7F04



009687



0081E2

Rectangle

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



D74D77



C2662B



009687



0091D0

Sweetspot

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



D74D77



FFCFDD



AB4DD7



80626B



000000



808080

Same Dimension

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



D74D77



FF3B76



D7664D



6B6064



AB0034



2B000D

Inverse Universe

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



D74D77



FF3B76



4DBED7



6B6064



AB0034



2B000D

Previews

White Background



This preview shows how the Hex color D74D77 looks on a white background.

Color Contrast Check

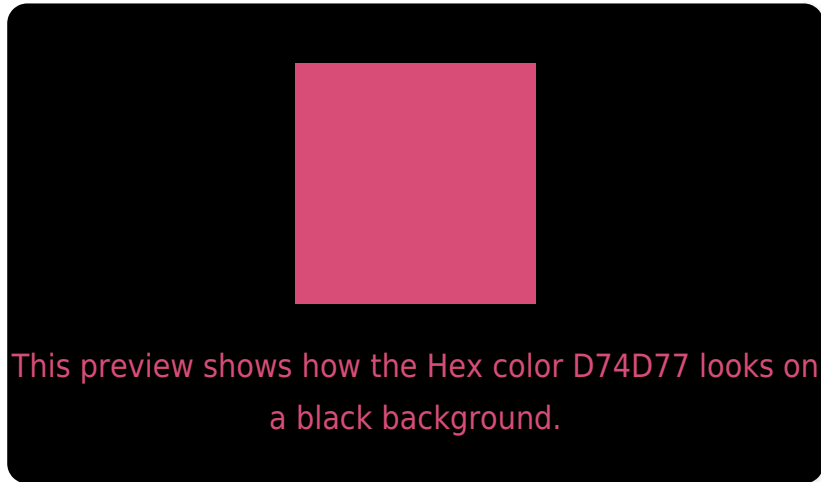
Large Text (above 18pt) WCAG AA ✓ Pass

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 D74D77 Background



This preview shows how black text looks on a background with the Hex color D74D77.



This preview shows how white text looks on a background with the Hex color D74D77.

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
D74D77

Protanopia
7B7E93

Deuteranopia
917B70



Tritanopia
D55358

Trichromacy



Original Color
D74D77



Protanomaly
9C6C89



Deuteranomaly
AA6A73

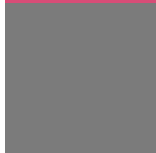


Tritanomaly
D65163

Monochromacy



Original Color
D74D77



Achromatopsia
7B7B7B



Achromatomaly
9C6A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex D74D77 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 #D74D77 looks like.

```
.text, #text, p{  
  color:#D74D77  
}
```

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 #D74D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D74D77
}
```

Border

The CSS property to change the border of an element to Hex D74D77 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
#D74D77 }
```

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

```
.border{ border-color:#D74D77 }
```

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

Here you see how a box with a 4 pixel #D74D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D74D77; -webkit-box-shadow:4px 4px  
4px 4px #D74D77; box-shadow:4px 4px 4px  
4px #D74D77 }
```

Background

The CSS property to change the background color of an element to Hex D74D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D74D77 }
```

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

```
.background{ background-color:#D74D77 }
```

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