

Converting Colors

Hex(D46084)

Have a look what the booklet for
Hex(D46084) contains.

Hex(D46084)	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(D46084)

Conversions

Conversions Part 1

Format	Color
Hex	D46084
RGB	212, 96, 132
RGB Percent	83%, 38%, 52%
CMY	0.1686, 0.6235, 0.4824
CMYK	0.00, 0.55, 0.38, 0.17
HSL	341°, 57%, 60%
HSV	341°, 55%, 83%
XYZ	35.4991, 24.0287, 24.5968
YIQ	134.7880, 57.5800, 35.7880

Conversions

Conversions Part 2

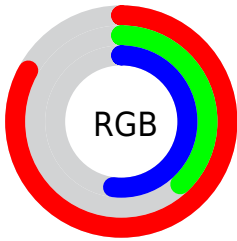
Format	Color
R _Y B	212, 96, 132
Decimal	13918340
CIE Lab	56.12, 49.23, 2.53
CIE LCh	56, 49.296, 2.945
Yxy	24.0287, 0.4220, 0.2856
Android (android.graphics.Color)	4292108420 (0xFFD46084)
YUV	134.7880, -1.3745, 67.7149
Hunter-Lab	49.0191, 43.4843, 4.5629

Details

The Hex color **D46084** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **60D4B0**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF96B9**, and **9A2953** is the 20% darker color. If you saturate the color by 10%, you get **D44B75**, and if you desaturate by 10%, it is **D47593**.

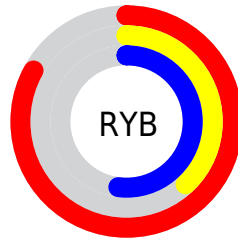
Distribution



Red (83%)

Green (38%)

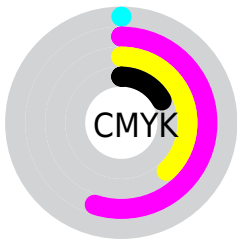
Blue (52%)



Red (83%)

Yellow (38%)

Blue (52%)

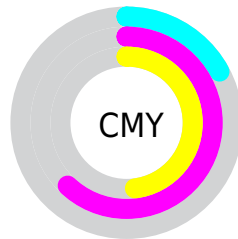


Cyan (0%)

Magenta (55%)

Yellow (38%)

Black (17%)



Cyan (17%)

Magenta (62%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color D46084 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 D46084 by changing the saturation by 10% instead.

 D46084

 D46084

FFFFFF

 B7456B

 FF96B9

 9A2953

 FFB2D5

 7D043C

 FFCEF1

 610026

 FFE8FF

 460011

 2C0001

 000000

 D46084

 D46084

 D44B75

 D47593

 D43667

 D48AA1

 D42058

 D4A0B0

 D40B4A

 D4B5BE

 D40042

 D4CACD

 D4DFDC

 D4F4EA

 D4FFF9

 D4FFFF

Harmonies

Analogous

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



BE68AE



D46084



D2665A

Triad

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



D46084



6E913A



0095D2

Complementary

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



D46084



60D4B0

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.



009BB4



D46084



2E995E

Square

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



D46084



9A862B



009C8A



348ADC

Rectangle

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



D46084



C67043



009C8A



0098CA

Sweetspot

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



D46084



FFD6E3



AF60D4



80676F



000000



808080

Same Dimension

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



D46084



FF578B



D47560



6B6064



AB0035



2B000D

Inverse Universe

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



D46084



FF578B



60BFD4



6B6064



AB0035



2B000D

Previews

White Background



This preview shows how the Hex color D46084 looks on a white background.

Color Contrast Check

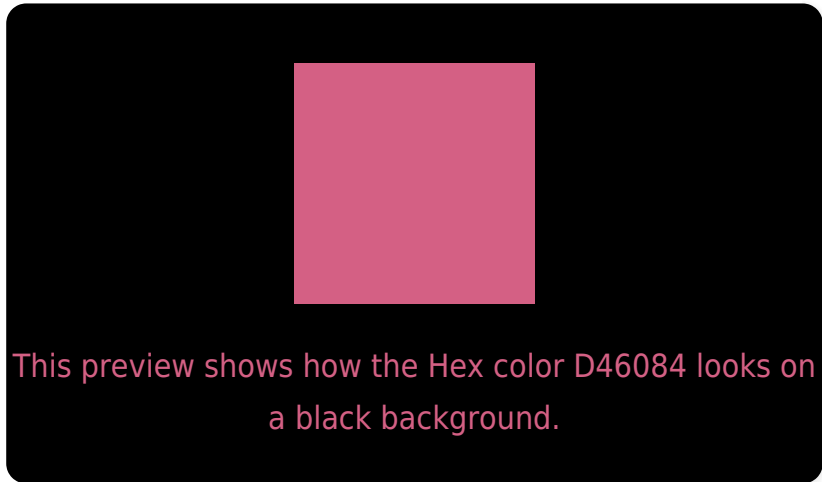
Large Text (above 18pt) WCAG AA ✓ Pass

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

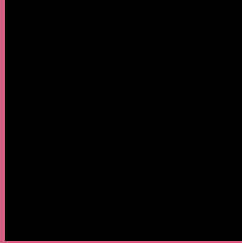
Any Text WCAG AA ✓ Pass

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 D46084 Background



This preview shows how black text looks on a background with the Hex color D46084.

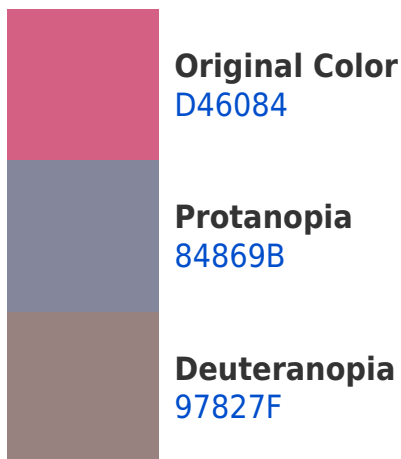


This preview shows how white text looks on a background with the Hex color D46084.

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](#).

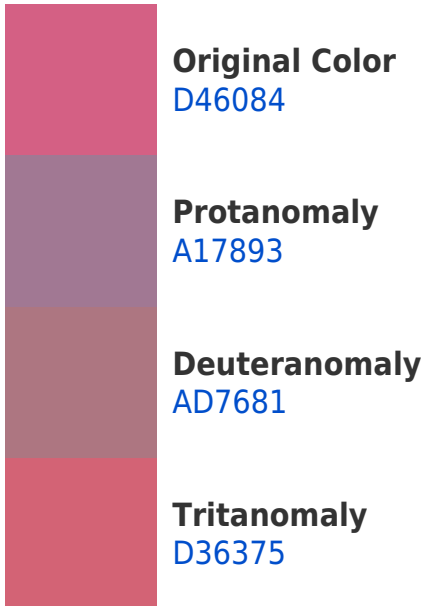
Dichromacy



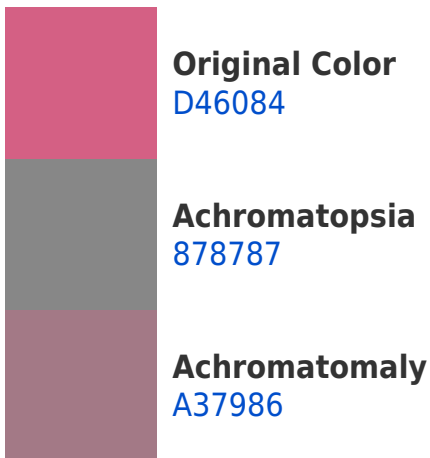


Tritanopia
D2656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D46084 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 #D46084 looks like.

```
.text, #text, p{  
    color:#D46084  
}
```

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 #D46084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D46084
}
```

Border

The CSS property to change the border of an element to Hex D46084 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
#D46084 }
```

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

```
.border{ border-color:#D46084 }
```

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

Here you see how a box with a 4 pixel #D46084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D46084; -webkit-box-shadow:4px 4px  
4px 4px #D46084; box-shadow:4px 4px 4px  
4px #D46084 }
```

Background

The CSS property to change the background color of an element to Hex D46084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D46084 }
```

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

```
.background{ background-color:#D46084 }
```

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