

Converting Colors

Hex(D56783)

Have a look what the booklet for
Hex(D56783) contains.

Hex(D56783)	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(D56783)

Conversions

Conversions Part 1

Format	Color
Hex	D56783
RGB	213, 103, 131
RGB Percent	84%, 40%, 51%
CMY	0.1647, 0.5961, 0.4863
CMYK	0.00, 0.52, 0.38, 0.16
HSL	345°, 57%, 62%
HSV	345°, 52%, 84%
XYZ	36.3876, 25.4853, 24.4741
YIQ	139.0820, 56.5720, 32.0280

Conversions

Conversions Part 2

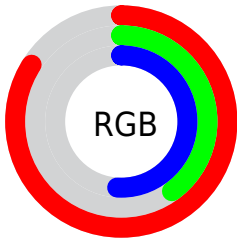
Format	Color
R _Y B	213, 103, 131
Decimal	13985667
CIE Lab	57.55, 46.05, 5.20
CIE LCh	58, 46.344, 6.441
Yxy	25.4853, 0.4214, 0.2952
Android (android.graphics.Color)	4292175747 (0xFFD56783)
YUV	139.0820, -3.9844, 64.8261
Hunter-Lab	50.4830, 40.3155, 6.5944

Details

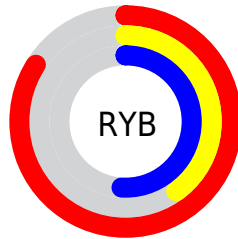
The Hex color **D56783** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **67D5B9**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF9DB8**, and **9B3252** is the 20% darker color. If you saturate the color by 10%, you get **D55273**, and if you desaturate by 10%, it is **D57C93**.

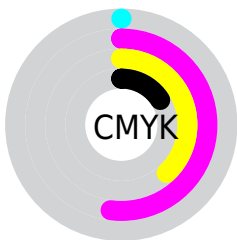
Distribution



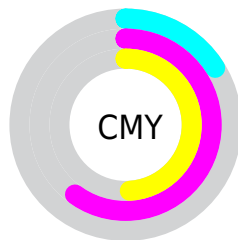
- Red (84%)
- Green (40%)
- Blue (51%)



- Red (84%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (52%)
- Yellow (38%)
- Black (16%)



- Cyan (16%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color D56783 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 D56783 by changing the saturation by 10% instead.

 D56783

 D56783

FFFFFF

 B84D6A

 FF9DB8

 9B3252

 FFB9D3

 7E143B

 FFD5F0

 630026

 FFF2FF

 470011

 2F0002

 000000

 D56783

 D56783

 D55273

 D57C93

 D53C63

 D592A3

 D52753

 D5A7B3

 D51243

 D5BCC3

 D50036

 D5D2D2

 D5E7E2

 D5FCF2

 D5FFFF

Harmonies

Analogous

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



C36DAB



D56783



D16E5C

Triad

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



D56783



6E9646



0097D4

Complementary

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



D56783



67D5B9

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.



009DB9



D56783



329C68

Square

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



D56783



998B36



009F92



518CDB

Rectangle

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



D56783



C47747



009F92



009ACD

Sweetspot

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



D56783



FFD9E2



B867D5



80696E



000000



808080

Same Dimension

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



D56783



FF6189



D58167



6B6063



AB002B



2B000B

Inverse Universe

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



D56783



FF6189



67BBD5



6B6063



AB002B



2B000B

Previews

White Background



This preview shows how the Hex color D56783 looks on a white background.

Color Contrast Check

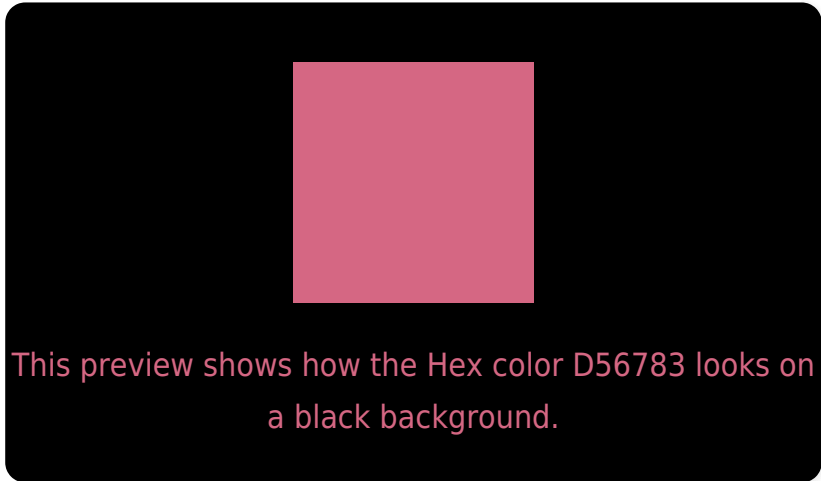
Large Text (above 18pt) WCAG AA ✓ Pass

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 D56783 Background



This preview shows how black text looks on a background with the Hex color D56783.




This preview shows how white text looks on a background with the Hex color D56783.

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
D46A72

Trichromacy



Original Color
D56783



Protanomaly
A57D90



Deuteranomaly
B17B80



Tritanomaly
D46978

Monochromacy



Original Color
D56783



Achromatopsia
8B8B8B



Achromatomaly
A67E88

CSS Examples

Text

The CSS property to change the color of the text to Hex D56783 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 #D56783 looks like.

```
.text, #text, p{  
    color:#D56783  
}
```

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 #D56783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56783
}
```

Border

The CSS property to change the border of an element to Hex D56783 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
#D56783 }
```

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

```
.border{ border-color:#D56783 }
```

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

Here you see how a box with a 4 pixel #D56783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56783; -webkit-box-shadow:4px 4px  
4px 4px #D56783; box-shadow:4px 4px 4px  
4px #D56783 }
```

Background

The CSS property to change the background color of an element to Hex D56783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56783 }
```

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

```
.background{ background-color:#D56783 }
```

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