

Converting Colors

Hex(D56C8A)

Have a look what the booklet for
Hex(D56C8A) contains.

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Color

Hex(D56C8A)

Conversions

Conversions Part 1

Format	Color
Hex	D56C8A
RGB	213, 108, 138
RGB Percent	84%, 42%, 54%
CMY	0.1647, 0.5765, 0.4588
CMYK	0.00, 0.49, 0.35, 0.16
HSL	343°, 56%, 63%
HSV	343°, 49%, 84%
XYZ	37.3906, 26.7062, 27.2289
YIQ	142.8150, 52.9500, 31.5900

Conversions

Conversions Part 2

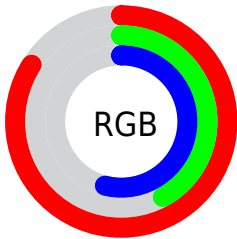
Format	Color
R _Y B	213, 108, 138
Decimal	13986954
CIE Lab	58.70, 44.37, 2.79
CIE LCh	59, 44.461, 3.599
Yxy	26.7062, 0.4094, 0.2924
Android (android.graphics.Color)	4292177034 (0xFFD56C8A)
YUV	142.8150, -2.3738, 61.5522
Hunter-Lab	51.6781, 38.7133, 4.9351

Details

The Hex color **D56C8A** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6CD5B7**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFA2BF**, and **9B3858** is the 20% darker color. If you saturate the color by 10%, you get **D5577B**, and if you desaturate by 10%, it is **D58199**.

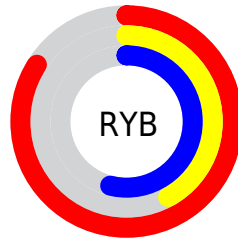
Distribution



Red (84%)

Green (42%)

Blue (54%)



Red (84%)

Yellow (42%)

Blue (54%)

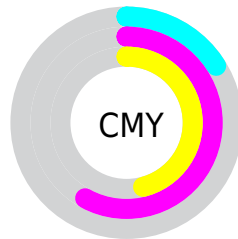


Cyan (0%)

Magenta (49%)

Yellow (35%)

Black (16%)



Cyan (16%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color D56C8A 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 D56C8A by changing the saturation by 10% instead.

 D56C8A

 D56C8A

FFFFFF

 B85271

 FFA2BF

 9B3858

 FFBEDB

 7F1C41

 FFDAF8

 63002B

 FFF7FF

 480017

 310002

 000000

 D56C8A

 D56C8A

 D5577B

 D58199

 D5416C

 D597A8

 D52C5C

 D5ACB8

 D5174D

 D5C1C7

 D5013E

 D5D7D6

 D5003D

 D5ECE5

 D5FFF5

 D5FFFF

Harmonies

Analogous

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



C173B1



D56C8A



D37164

Triad

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



D56C8A



77974A



009AD2

Complementary

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



D56C8A



6CD5B7

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.



00A0B7



D56C8A



429E69

Square

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



D56C8A



A08D3C



00A191



5090DB

Rectangle

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



D56C8A



C87A4F



00A191



009DCB

Sweetspot

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



D56C8A



FFD9E4



B66CD5



80696F



000000



808080

Same Dimension

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



D56C8A



FF6994



D5816C



6B6063



AB0031



2B000C

Inverse Universe

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



D56C8A



FF6994



6CC0D5



6B6063



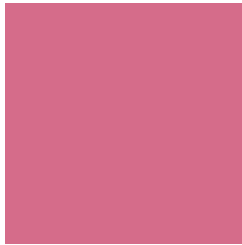
AB0031



2B000C

Previews

White Background



This preview shows how the Hex color D56C8A looks on a white background.

Color Contrast Check

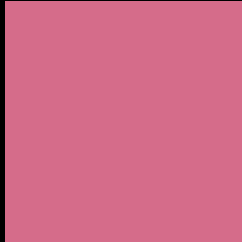
Large Text (above 18pt) WCAG AA ✓ Pass

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 D56C8A 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 D56C8A Background



This preview shows how black text looks on a background with the Hex color D56C8A.



This preview shows how white text looks on a background with the Hex color D56C8A.

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
D36F77

Trichromacy



Original Color
D56C8A



Protanomaly
A78196



Deuteranomaly
B27E87

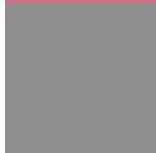


Tritanomaly
D46E7E

Monochromacy



Original Color
D56C8A



Achromatopsia
8F8F8F



Achromatomaly
A8828D

CSS Examples

Text

The CSS property to change the color of the text to Hex D56C8A 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 #D56C8A looks like.

```
.text, #text, p{  
    color:#D56C8A  
}
```

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 #D56C8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56C8A
}
```

Border

The CSS property to change the border of an element to Hex D56C8A 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
#D56C8A }
```

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

```
.border{ border-color:#D56C8A }
```

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

Here you see how a box with a 4 pixel #D56C8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56C8A; -webkit-box-shadow:4px 4px  
4px 4px #D56C8A; box-shadow:4px 4px 4px  
4px #D56C8A }
```

Background

The CSS property to change the background color of an element to Hex D56C8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56C8A }
```

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

```
.background{ background-color:#D56C8A }
```

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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