

# Converting Colors

Hex(D56E93)

Have a look what the booklet for  
Hex(D56E93) contains.

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# **Color**

**Hex(D56E93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D56E93
RGB	213, 110, 147
RGB Percent	84%, 43%, 58%
CMY	0.1647, 0.5686, 0.4235
CMYK	0.00, 0.48, 0.31, 0.16
HSL	338°, 55%, 63%
HSV	338°, 48%, 84%
XYZ	38.2830, 27.4046, 30.8756
YIQ	145.0150, 49.5110, 33.3430

# Conversions

## Conversions Part 2

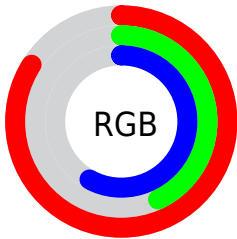
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 110, 147
Decimal	13987475
CIE <sub>Lab</sub>	59.35, 44.48, -1.49
CIE <sub>LCh</sub>	59, 44.508, 358.085
Yxy	27.4046, 0.3965, 0.2838
Android (android.graphics.Color)	4292177555 (0xFFD56E93)
YUV	145.0150, 0.9786, 59.6228
Hunter-Lab	52.3494, 38.9251, 1.6754

# Details

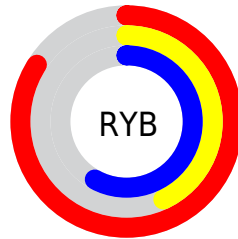
The Hex color **D56E93** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6ED5B0**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA4C9**, and **9B3A61** is the 20% darker color. If you saturate the color by 10%, you get **D55985**, and if you desaturate by 10%, it is **D583A1**.

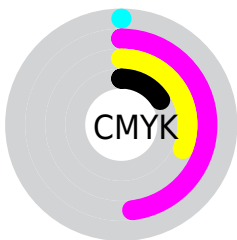
# Distribution



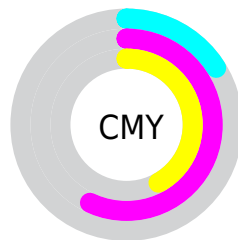
- Red (84%)
- Green (43%)
- Blue (58%)



- Red (84%)
- Yellow (43%)
- Blue (58%)



- Cyan (0%)
- Magenta (48%)
- Yellow (31%)
- Black (16%)



- Cyan (16%)
- Magenta (57%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D56E93 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 D56E93 by changing the saturation by 10% instead.



 D56E93

 D56E93

FFFFFF

 B85479

 FFA4C9

 9B3A61

 FFC0E5

 801E49

 FFDCFF

 640032

 FFFAFF

 49001E

 330003

 000000

 D56E93

 D56E93

 D55985

 D583A1

 D54378

 D599AE

 D52E6A

 D5AEBC

 D5195C

 D5C3CA

 D5044F

 D5D9D7

 D5004D

 D5EEE5

 D5FFF3

 D5FFFF

# Harmonies

## Analogous

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



BD77B9



D56E93



D7716C

# Triad

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



D56E93



819747



009DD0

# Complementary

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



D56E93



6ED5B0

# 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.



00A2B2



D56E93



509F64

# Square

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



D56E93



A88C3E



00A38B



4094DD

# Rectangle

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



D56E93



CE7956



00A38B



00A0C8



# Sweetspot

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



D56E93



FFD9E6



AF6ED5



806971



000000



808080



# Same Dimension

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



D56E93



FF6BA0



D57C6E



6B6064



AB003D



2B0010



# Inverse Universe

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



D56E93



FF6BA0



6EC7D5



6B6064



AB003D



2B0010



# Previews

## White Background



This preview shows how the Hex color D56E93 looks on a white background.

## Color Contrast Check

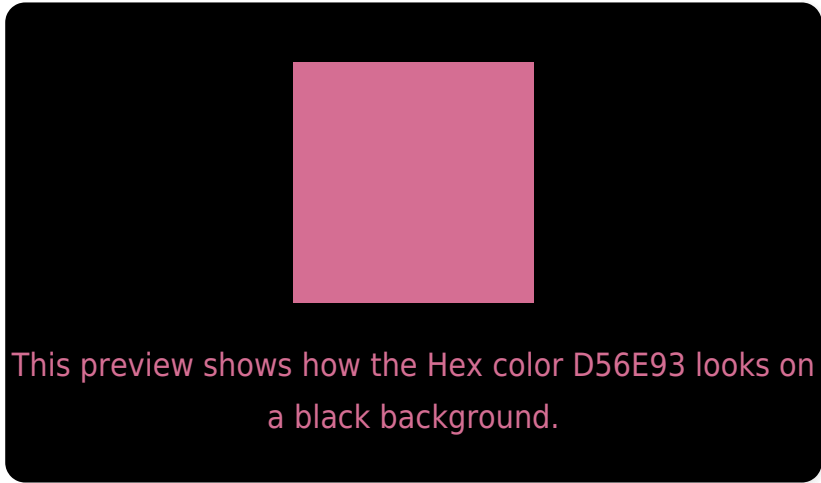
Large Text (above 18pt) WCAG AA ✓ Pass

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 D56E93 Background



This preview shows how black text looks on a background with the Hex color D56E93.



This preview shows how white text looks on a background with the Hex color D56E93.

# 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**  
D3737B

# Trichromacy



**Original Color**  
D56E93



**Protanomaly**  
A682A0



**Deuteranomaly**  
B18090

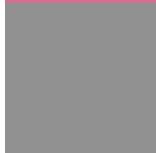


**Tritanomaly**  
D47184

# Monochromacy



**Original Color**  
D56E93



**Achromatopsia**  
919191



**Achromatomaly**  
AA8492

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D56E93 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 #D56E93 looks like.

```
.text, #text, p{  
    color:#D56E93  
}
```

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 #D56E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56E93
}
```

## Border

The CSS property to change the border of an element to Hex D56E93 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
#D56E93 }
```

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

```
.border{ border-color:#D56E93 }
```

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

Here you see how a box with a 4 pixel #D56E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56E93; -webkit-box-shadow:4px 4px  
4px 4px #D56E93; box-shadow:4px 4px 4px  
4px #D56E93 }
```

# Background

The CSS property to change the background color of an element to Hex D56E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56E93 }
```

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

```
.background{ background-color:#D56E93 }
```

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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