

Converting Colors

Hex(DE5D87)

Have a look what the booklet for
Hex(DE5D87) contains.

Hex(DE5D87)	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(DE5D87)

Conversions

Conversions Part 1

Format	Color
Hex	DE5D87
RGB	222, 93, 135
RGB Percent	87%, 36%, 53%
CMY	0.1294, 0.6353, 0.4706
CMYK	0.00, 0.58, 0.39, 0.13
HSL	340°, 66%, 62%
HSV	340°, 58%, 87%
XYZ	38.4117, 25.1076, 25.7434
YIQ	136.3590, 63.4020, 40.4100

Conversions

Conversions Part 2

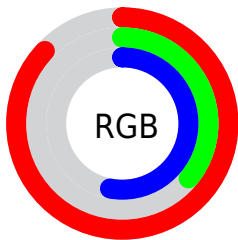
Format	Color
R _{YB}	222, 93, 135
Decimal	14572935
CIE Lab	57.18, 54.24, 2.50
CIE LCh	57, 54.294, 2.642
Yxy	25.1076, 0.4303, 0.2813
Android (android.graphics.Color)	4292763015 (0xFFDE5D87)
YUV	136.3590, -0.6700, 75.1072
Hunter-Lab	50.1075, 49.1478, 4.6142

Details

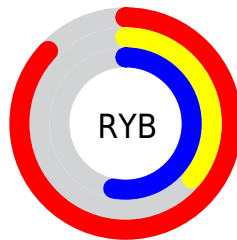
The Hex color **DE5D87** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **5DDEB4**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF94BC**, and **A32356** is the 20% darker color. If you saturate the color by 10%, you get **DE4778**, and if you desaturate by 10%, it is **DE7396**.

Distribution



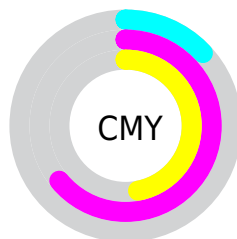
- Red (87%)
- Green (36%)
- Blue (53%)



- Red (87%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (58%)
- Yellow (39%)
- Black (13%)



- Cyan (13%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE5D87 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 DE5D87 by changing the saturation by 10% instead.

 DE5D87

 DE5D87

FFFFFF

 C0416E

 FF94BC

 A32356

 FFB0D8

 86003E

 FFCDF4

 690029

 FFEAFF

 4D0014

 340002

 000000

 DE5D87

 DE5D87

 DE4778

 DE7396

 DE3169

 DE89A5

 DE1A5A

 DEA0B4

 DE044B

 DEB6C3

 DE0048

 DECCD2

 DEE2E1

 DEF8F0

 DEFFFF

Harmonies

Analogous

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



C667B6



DE5D87



DC6559

Triad

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



DE5D87



6E9533



0099DD

Complementary

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



DE5D87



5DDEB4

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.



009FBB



DE5D87



1F9D5C

Square

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



DE5D87



9E8821



00A08C



158DE8

Rectangle

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



DE5D87



CE703F



00A08C



009CD4

Sweetspot

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



DE5D87



FFD4E2



B35DDE



80666E



000000



808080

Same Dimension

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



DE5D87



FF4D87



DE725D



706569



B00039



300010

Inverse Universe

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



DE5D87



FF4D87



5DC8DE



706569



B00039



300010

Previews

White Background



This preview shows how the Hex color DE5D87 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 DE5D87 Background



This preview shows how black text looks on a background with the Hex color DE5D87.

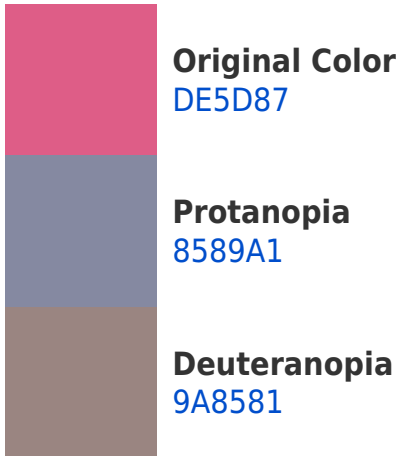



This preview shows how white text looks on a background with the Hex color DE5D87.

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
DC636A

Trichromacy



Original Color
DE5D87



Protanomaly
A57998



Deuteranomaly
B37683



Tritanomaly
DD6175

Monochromacy



Original Color
DE5D87



Achromatopsia
888888



Achromatomaly
A77888

CSS Examples

Text

The CSS property to change the color of the text to Hex DE5D87 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 #DE5D87 looks like.

```
.text, #text, p{  
    color:#DE5D87  
}
```

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 #DE5D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE5D87
}
```

Border

The CSS property to change the border of an element to Hex DE5D87 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
#DE5D87 }
```

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

```
.border{ border-color:#DE5D87 }
```

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

Here you see how a box with a 4 pixel #DE5D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE5D87; -webkit-box-shadow:4px 4px  
4px 4px #DE5D87; box-shadow:4px 4px 4px  
4px #DE5D87 }
```

Background

The CSS property to change the background color of an element to Hex DE5D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE5D87 }
```

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

```
.background{ background-color:#DE5D87 }
```

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