

# Converting Colors

Hex(DE5D83)

Have a look what the booklet for  
Hex(DE5D83) contains.

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# Color

**Hex(DE5D83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE5D83
RGB	222, 93, 131
RGB Percent	87%, 36%, 51%
CMY	0.1294, 0.6353, 0.4863
CMYK	0.00, 0.58, 0.41, 0.13
HSL	342°, 66%, 62%
HSV	342°, 58%, 87%
XYZ	38.1353, 24.9970, 24.2877
YIQ	135.9030, 64.6860, 39.1660

# Conversions

## Conversions Part 2

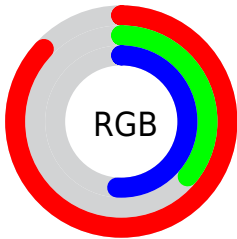
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 93, 131
Decimal	14572931
CIE <sub>Lab</sub>	57.07, 53.81, 4.69
CIE <sub>LCh</sub>	57, 54.016, 4.985
Yxy	24.9970, 0.4362, 0.2859
Android (android.graphics.Color)	4292763011 (0xFFDE5D83)
YUV	135.9030, -2.4172, 75.5071
Hunter-Lab	49.9970, 48.6564, 6.1958

# Details

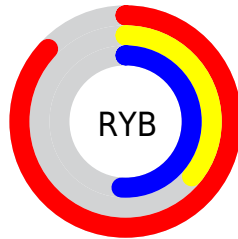
The Hex color **DE5D83** is a dark color, and the websafe version is hex **FF6699**, and the color name is **blush**. The color can be described as middle muted rose. A complement of this color would be **5DDEB8**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF94B8**, and **A32352** is the 20% darker color. If you saturate the color by 10%, you get **DE4773**, and if you desaturate by 10%, it is **DE7393**.

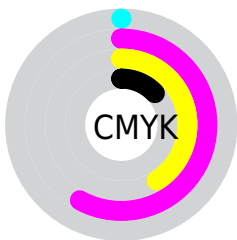
# Distribution



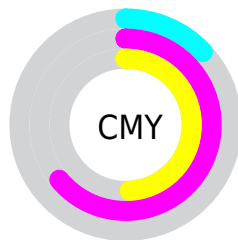
- Red (87%)
- Green (36%)
- Blue (51%)



- Red (87%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (58%)
- Yellow (41%)
- Black (13%)



- Cyan (13%)
- Magenta (64%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE5D83 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 DE5D83 by changing the saturation by 10% instead.



 DE5D83

 DE5D83

FFFFFF

 C0416A

 FF94B8

 A32352

 FFB0D3

 86003B

 FFCDF0

 690026

 FFEAFF

 4D0011

 330002

 000000

 DE5D83

 DE5D83

 DE4773

 DE7393

 DE3164

 DE89A2

 DE1A54

 DEA0B2

 DE0444

 DEB6C2

 DE0041

 DECCD1

 DEE2E1

 DEF8F1

 DEFFFF

# Harmonies

## Analogous

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



C866B2



DE5D83



DA6656

# Triad

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



DE5D83



6A9636



0098DE

# Complementary

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



DE5D83



5DDEB8

# 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.



009FBE



DE5D83



109D5F

# Square

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



DE5D83



9B8922



00A090



2D8CE7

# Rectangle

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



DE5D83



CB723C



00A090



009BD5



# Sweetspot

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



DE5D83



FFD4E0



B75DDE



80666E



000000



808080



# Same Dimension

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



DE5D83



FF4D81



DE775D



706568



B00034



30000E



# Inverse Universe

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



DE5D83



FF4D81



5DC4DE



706568



B00034



30000E



# Previews

## White Background



This preview shows how the Hex color DE5D83 looks on a white background.

## Color Contrast Check

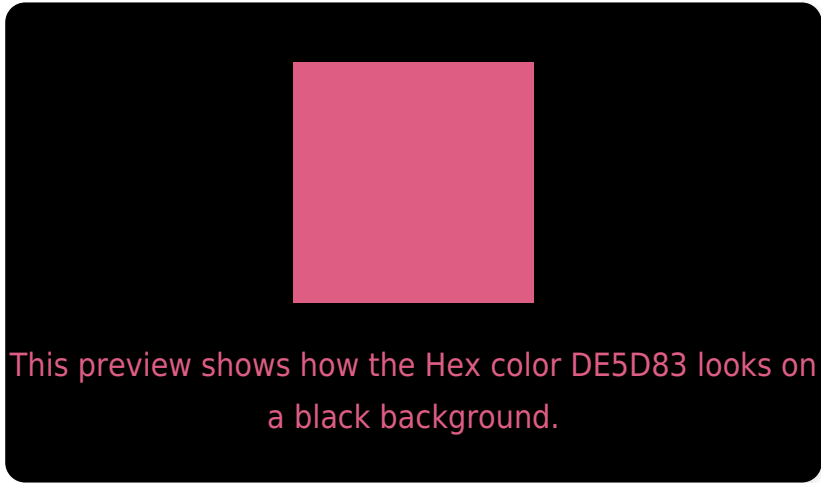
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE5D83 Background



This preview shows how black text looks on a background with the Hex color DE5D83.



This preview shows how white text looks on a background with the Hex color DE5D83.

# Color Blindness Simulation

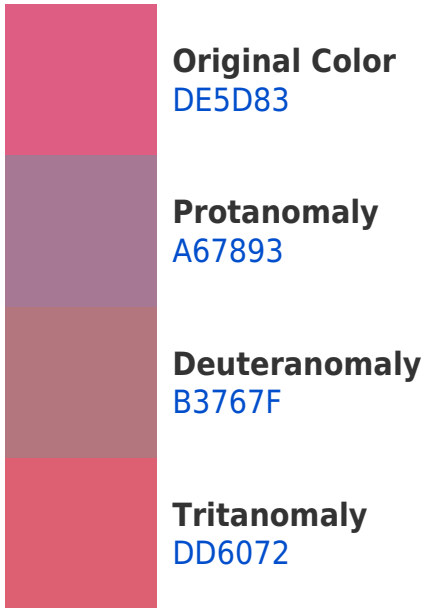
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

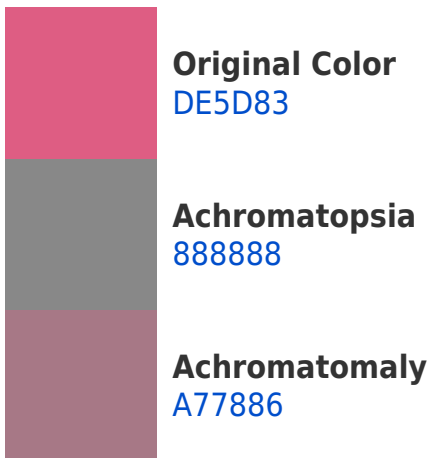




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE5D83 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 #DE5D83 looks like.

```
.text, #text, p{  
    color:#DE5D83  
}
```

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 #DE5D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE5D83
}
```

## Border

The CSS property to change the border of an element to Hex DE5D83 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
#DE5D83 }
```

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

```
.border{ border-color:#DE5D83 }
```

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

Here you see how a box with a 4 pixel #DE5D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE5D83; -webkit-box-shadow:4px 4px  
4px 4px #DE5D83; box-shadow:4px 4px 4px  
4px #DE5D83 }
```

# Background

The CSS property to change the background color of an element to Hex DE5D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE5D83 }
```

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

```
.background{ background-color:#DE5D83 }
```

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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