

Converting Colors

Hex(DD5A81)

Have a look what the booklet for
Hex(DD5A81) contains.

Hex(DD5A81)	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(DD5A81)

Conversions

Conversions Part 1

Format	Color
Hex	DD5A81
RGB	221, 90, 129
RGB Percent	87%, 35%, 51%
CMY	0.1333, 0.6471, 0.4941
CMYK	0.00, 0.59, 0.42, 0.13
HSL	342°, 66%, 61%
HSV	342°, 59%, 87%
XYZ	37.4374, 24.2695, 23.4802
YIQ	133.6150, 65.5570, 39.9010

Conversions

Conversions Part 2

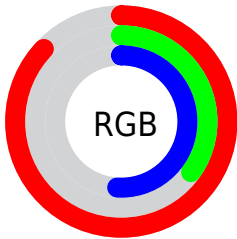
Format	Color
R_{YB}	221, 90, 129
Decimal	14506625
CIE _{Lab}	56.36, 54.63, 4.82
CIE _{LCh}	56, 54.846, 5.040
Yxy	24.2695, 0.4395, 0.2849
Android (android.graphics.Color)	4292696705 (0xFFDD5A81)
YUV	133.6150, -2.2752, 76.6366
Hunter-Lab	49.2640, 49.4361, 6.2261

Details

The Hex color **DD5A81** 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 **5ADDB6**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF91B6**, and **A21F50** is the 20% darker color. If you saturate the color by 10%, you get **DD4471**, and if you desaturate by 10%, it is **DD7091**.

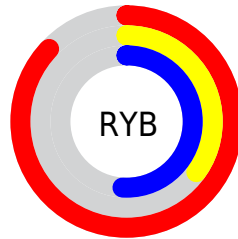
Distribution



Red (87%)

Green (35%)

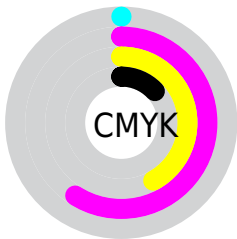
Blue (51%)



Red (87%)

Yellow (35%)

Blue (51%)

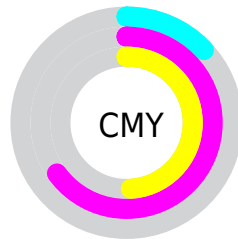


Cyan (0%)

Magenta (59%)

Yellow (42%)

Black (13%)



Cyan (13%)

Magenta (65%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD5A81 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 DD5A81 by changing the saturation by 10% instead.

 DD5A81

 DD5A81

FFFFFF

 BF3E68

 FF91B6

 A21F50

 FFADD1

 840039

 FFCAED

 680024

 FFE7FF

 4C000E

 310002

 000000

 DD5A81

 DD5A81

 DD4471

 DD7091

 DD2E62

 DD86A0

 DD1852

 DD9CB0

 DD0243

 DDB2BF

 DD0042

 DDC9CF

 DDDFDE

 DDF5EE

 DDFFFD

 DDFFFF

Harmonies

Analogous

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



C763B0



DD5A81



D96353

Triad

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



DD5A81



679433



0097DD

Complementary

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



DD5A81



5ADDB6

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.



009DBD



DD5A81



009B5D

Square

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



DD5A81



99871D



009E8E



248AE6

Rectangle

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



DD5A81



CA6F39



009E8E



0099D5

Sweetspot

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



DD5A81



FFD1DF



B65ADD



80636C



000000



808080

Same Dimension

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



DD5A81



FF4A80



DD745A



6E6366



AD0034



2E000E

Inverse Universe

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



DD5A81



FF4A80



5AC3DD



6E6366



AD0034



2E000E

Previews

White Background



This preview shows how the Hex color DD5A81 looks on a white background.

Color Contrast Check

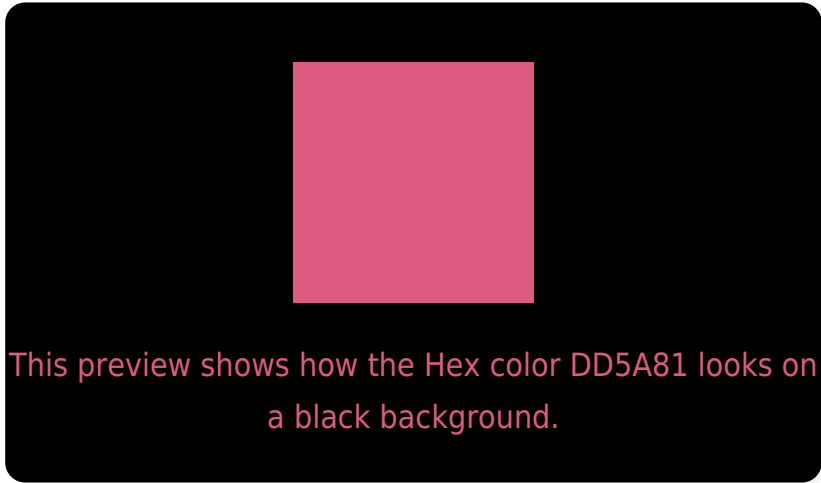
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD5A81 Background



This preview shows how black text looks on a background with the Hex color DD5A81.



This preview shows how white text looks on a background with the Hex color DD5A81.

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



Original Color
DD5A81

Protanopia
84879B

Deuteranopia
99837B



Tritanopia
DB5F66

Trichromacy



Original Color
DD5A81

Protanomaly
A47792

Deuteranomaly
B2747D

Tritanomaly
DC5D70

Monochromacy



Original Color
DD5A81

Achromatopsia
868686

Achromatomaly
A67684

CSS Examples

Text

The CSS property to change the color of the text to Hex DD5A81 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 #DD5A81 looks like.

```
.text, #text, p{  
    color:#DD5A81  
}
```

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 #DD5A81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD5A81
}
```

Border

The CSS property to change the border of an element to Hex DD5A81 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
#DD5A81 }
```

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

```
.border{ border-color:#DD5A81 }
```

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

Here you see how a box with a 4 pixel #DD5A81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD5A81; -webkit-box-shadow:4px 4px  
4px 4px #DD5A81; box-shadow:4px 4px 4px  
4px #DD5A81 }
```

Background

The CSS property to change the background color of an element to Hex DD5A81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD5A81 }
```

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

```
.background{ background-color:#DD5A81 }
```

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