

Converting Colors

Hex(DD5689)

Have a look what the booklet for
Hex(DD5689) contains.

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Color

Hex(DD5689)

Conversions

Conversions Part 1

Format	Color
Hex	DD5689
RGB	221, 86, 137
RGB Percent	87%, 34%, 54%
CMY	0.1333, 0.6627, 0.4627
CMYK	0.00, 0.61, 0.38, 0.13
HSL	337°, 67%, 60%
HSV	337°, 61%, 87%
XYZ	37.6619, 23.8339, 26.2823
YIQ	132.1790, 64.0890, 44.4810

Conversions

Conversions Part 2

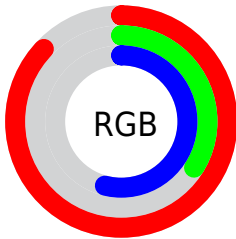
Format	Color
R_{YB}	221, 86, 137
Decimal	14505609
CIE _{Lab}	55.92, 57.24, -0.53
CIE _{LCh}	56, 57.245, 359.474
Yxy	23.8339, 0.4291, 0.2715
Android (android.graphics.Color)	4292695689 (0xFFDD5689)
YUV	132.1790, 2.3768, 77.8960
Hunter-Lab	48.8199, 52.2682, 2.2551

Details

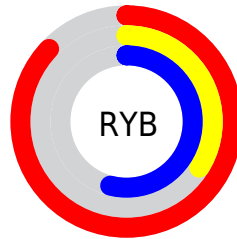
The Hex color **DD5689** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **56DDAA**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF8EBE**, and **A21757** is the 20% darker color. If you saturate the color by 10%, you get **DD407B**, and if you desaturate by 10%, it is **DD6C97**.

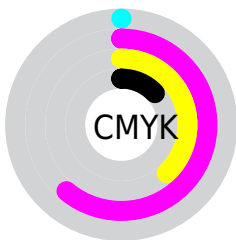
Distribution



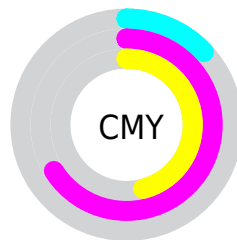
- Red (87%)
- Green (34%)
- Blue (54%)



- Red (87%)
- Yellow (34%)
- Blue (54%)



- Cyan (0%)
- Magenta (61%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (66%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD5689 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 DD5689 by changing the saturation by 10% instead.

 DD5689

 DD5689

FFFFFF

 BF3970

 FF8EBE

 A21757

 FFAADA

 850040

 FFC6F6

 68002A

 FFE4FF

 4C0016

 320002

 000000

 DD5689

 DD5689

 DD407B

 DD6C97

 DD2A6D

 DD82A5

 DD1460

 DD98B2

 DD0053

 DDAEC0

 DDC5CE

 DDBBDC

 DDF1E9

 DDFFF7

 DDFFFF

Harmonies

Analogous

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



C163B9



DD5689



DD5D58

Triad

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



DD5689



6F9126



0098DB

Complementary

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



DD5689



56DDAA

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.



009DB6



DD5689



1D9A51

Square

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



DD5689



A08314



009D84



008CEA

Rectangle

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



DD5689



D0693B



009D84



009AD1

Sweetspot

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



DD5689



FFD1E2



A956DD



80636E



000000



808080

Same Dimension

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



DD5689



FF458B



DD6656



6E6367



AD0042



2E0011

Inverse Universe

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



DD5689



FF458B



56CDDD



6E6367



AD0042



2E0011

Previews

White Background



This preview shows how the Hex color DD5689 looks on a white background.

Color Contrast Check

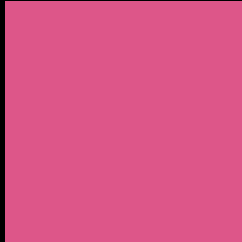
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD5689 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 DD5689 Background



This preview shows how black text looks on a background with the Hex color DD5689.



This preview shows how white text looks on a background with the Hex color DD5689.

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
DD5689

Protanopia
7F85A6

Deuteranopia
958282

Trichromacy



Original Color
DD5689



Protanomaly
A1749B



Deuteranomaly
AF7285

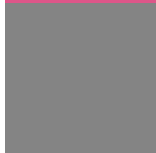


Tritanomaly
DB5B71

Monochromacy



Original Color
DD5689



Achromatopsia
848484



Achromatomaly
A47386

CSS Examples

Text

The CSS property to change the color of the text to Hex DD5689 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 #DD5689 looks like.

```
.text, #text, p{  
    color:#DD5689  
}
```

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 #DD5689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD5689
}
```

Border

The CSS property to change the border of an element to Hex DD5689 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
#DD5689 }
```

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

```
.border{ border-color:#DD5689 }
```

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

Here you see how a box with a 4 pixel #DD5689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD5689; -webkit-box-shadow:4px 4px  
4px 4px #DD5689; box-shadow:4px 4px 4px  
4px #DD5689 }
```

Background

The CSS property to change the background color of an element to Hex DD5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD5689 }
```

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

```
.background{ background-color:#DD5689 }
```

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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