

Converting Colors

Hex(DD005D)

Have a look what the booklet for
Hex(DD005D) contains.

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Color

Hex(DD005D)

Conversions

Conversions Part 1

Format	Color
Hex	DD005D
RGB	221, 0, 93
RGB Percent	87%, 0%, 36%
CMY	0.1333, 1.0000, 0.6353
CMYK	0.00, 1.00, 0.58, 0.13
HSL	335°, 100%, 43%
HSV	335°, 100%, 87%
XYZ	31.7946, 16.1625, 11.7998
YIQ	76.6810, 101.8630, 75.7750

Conversions

Conversions Part 2

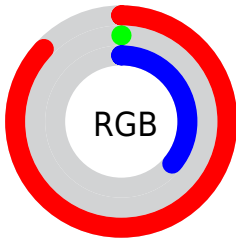
Format	Color
R_{YB}	221, 0, 93
Decimal	14483549
CIE Lab	47.19, 74.73, 13.59
CIE LCh	47, 75.958, 10.306
Yxy	16.1625, 0.5321, 0.2705
Android (android.graphics.Color)	4292673629 (0xFFDD005D)
YUV	76.6810, 8.0453, 126.5678
Hunter-Lab	40.2026, 70.8139, 10.7396

Details

The Hex color **DD005D** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **00DD80**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5B8F**, and **9E0030** is the 20% darker color. If you saturate the color by 10%, you get **DD005D**, and if you desaturate by 10%, it is **DD166A**.

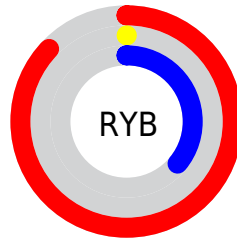
Distribution



Red (87%)

Green (0%)

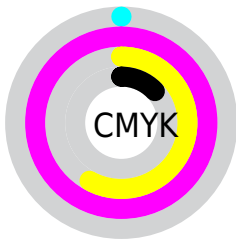
Blue (36%)



Red (87%)

Yellow (0%)

Blue (36%)

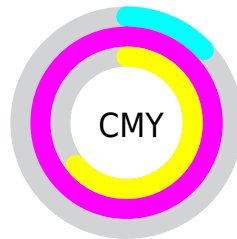


Cyan (0%)

Magenta (100%)

Yellow (58%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD005D 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 DD005D by changing the saturation by 10% instead.

 DD005D

 DD005D

FFFFFF

 BD0046

 FF5B8F

 9E0030

 FF7AA9

 7F001C

 FF98C4

 610002

 FFB5E0

 430003

 FFD3FD

 210001

 FFF2FF

 000000

 DD005D

 DD166A

 DD2C77

 DD4283

 DD5890

 DD6F9D

 DD85AA

 DD9BB7

 DDB1C3

 DDC7D0

Harmonies

Analogous

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



CA249C



DD005D



CF381E

Triad

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



DD005D



238200



0083EA

Complementary

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



DD005D



00DD80

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.



008AC2



DD005D



008842

Square

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



DD005D



747400



008B85



0071F0

Rectangle

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



DD005D



B85200



008B85



0086E0

Sweetspot

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



DD005D



FFB3D3



7D00DD



805265



000000



808080

Same Dimension

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



DD005D



FF006B



DD0F00



6E6367



AD0049



2E0013

Inverse Universe

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



DD005D



FF006B



00CEDD



6E6367



AD0049



2E0013

Previews

White Background



This preview shows how the Hex color DD005D looks on a white background.

Color Contrast Check

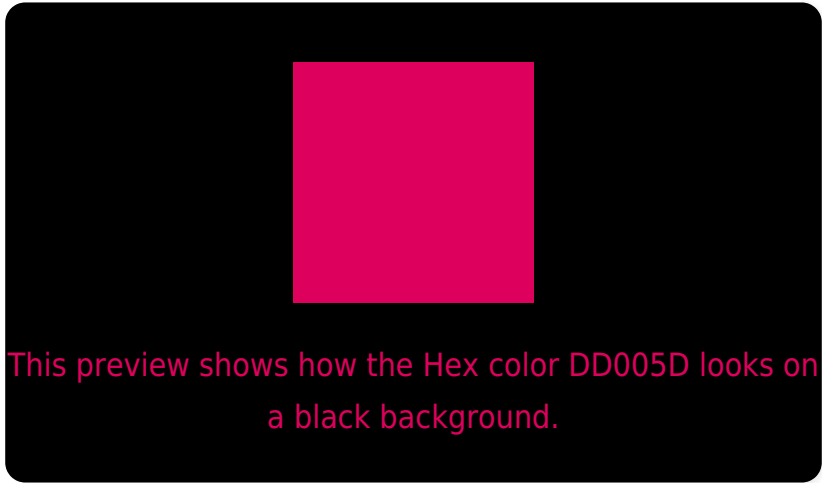
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DD005D Background



This preview shows how black text looks on a background with the Hex color DD005D.

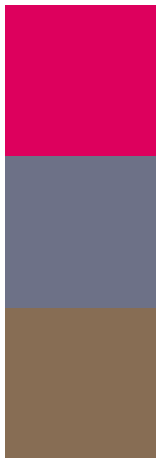


This preview shows how white text looks on a background with the Hex color DD005D.

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
DD005D

Protanopia
6D7187

Deuteranopia
876D54

Trichromacy



Original Color
DD005D



Protanomaly
964878



Deuteranomaly
A64557



Tritanomaly
DC1839

Monochromacy



Original Color
DD005D



Achromatopsia
4D4D4D



Achromatomaly
813153

CSS Examples

Text

The CSS property to change the color of the text to Hex DD005D 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 #DD005D looks like.

```
.text, #text, p{  
    color:#DD005D  
}
```

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 #DD005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD005D
}
```

Border

The CSS property to change the border of an element to Hex DD005D 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".

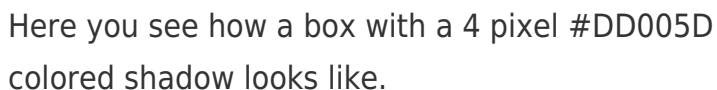
```
.border, #border, table{ border:4px solid
#DD005D }
```

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

```
.border{ border-color:#DD005D }
```

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

Here you see how a box with a 4 pixel #DD005D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD005D; -webkit-box-shadow:4px 4px  
4px 4px #DD005D; box-shadow:4px 4px 4px  
4px #DD005D }
```

Background

The CSS property to change the background color of an element to Hex DD005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD005D }
```

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

```
.background{ background-color:#DD005D }
```

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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