

# Converting Colors

Hex(DD005B)

Have a look what the booklet for  
Hex(DD005B) contains.

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**Color**

**Hex(DD005B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD005B
RGB	221, 0, 91
RGB Percent	87%, 0%, 36%
CMY	0.1333, 1.0000, 0.6431
CMYK	0.00, 1.00, 0.59, 0.13
HSL	335°, 100%, 43%
HSV	335°, 100%, 87%
XYZ	31.7071, 16.1275, 11.3393
YIQ	76.4530, 102.5050, 75.1530

# Conversions

## Conversions Part 2

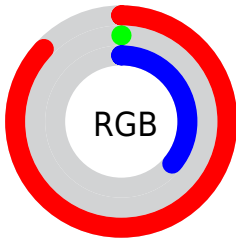
Format	Color
<a href="#">RYB</a>	<a href="#">221, 0, 91</a>
Decimal	<a href="#">14483547</a>
CIELab	<a href="#">47.14, 74.61, 14.77</a>
CIELCh	<a href="#">47, 76.058, 11.196</a>
Yxy	<a href="#">16.1275, 0.5358, 0.2725</a>
Android (android.graphics.Color)	<a href="#">4292673627</a> ( <a href="#">0xFFDD005B</a> )
YUV	<a href="#">76.4530, 7.1717, 126.7677</a>
Hunter-Lab	<a href="#">40.1590, 70.6544, 11.3702</a>

# Details

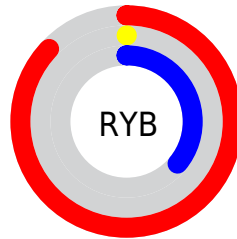
The Hex color **DD005B** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed red. A complement of this color would be **00DD82**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5B8D**, and **9E002E** is the 20% darker color. If you saturate the color by 10%, you get **DD005B**, and if you desaturate by 10%, it is **DD1668**.

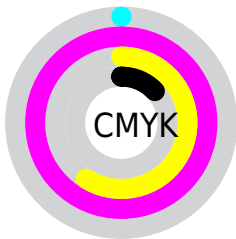
# Distribution



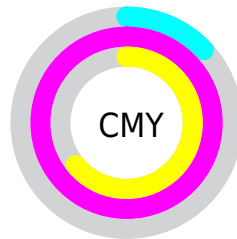
- Red (87%)
- Green (0%)
- Blue (36%)



- Red (87%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD005B 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 DD005B by changing the saturation by 10% instead.



 DD005B

 DD005B

FFFFFF

 BD0044

 FF5B8D

 9E002E

 FF7AA7

 7F001A

 FF98C2

 610002

 FFB5DE

 430003

 FFD3FA

 210001

 FFF1FF

 000000

 DD005B

 DD1668

 DD2C75

 DD4282

 DD588F

 DD6F9C

 DD85A9

 DD9BB6

 DDB1C3

 DDC7D0

# Harmonies

## Analogous

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



CB229B



DD005B



CE391C

# Triad

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



DD005B



1D8200



0082EA

# Complementary

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



DD005B



00DD82

# 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.



0089C4



DD005B



008843

# Square

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



DD005B



737500



008B87



0070EF

# Rectangle

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



DD005B



B75300



008B87



0086E1



# Sweetspot

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



DD005B



FFB3D2



8100DD



805265



000000



808080



# Same Dimension

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



DD005B



FF0069



DD1200



6E6367



AD0047



2E0013



# Inverse Universe

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



DD005B



FF0069



00CBDD



6E6367



AD0047



2E0013



# Previews

## White Background



This preview shows how the Hex color DD005B looks on a white background.

## Color Contrast Check

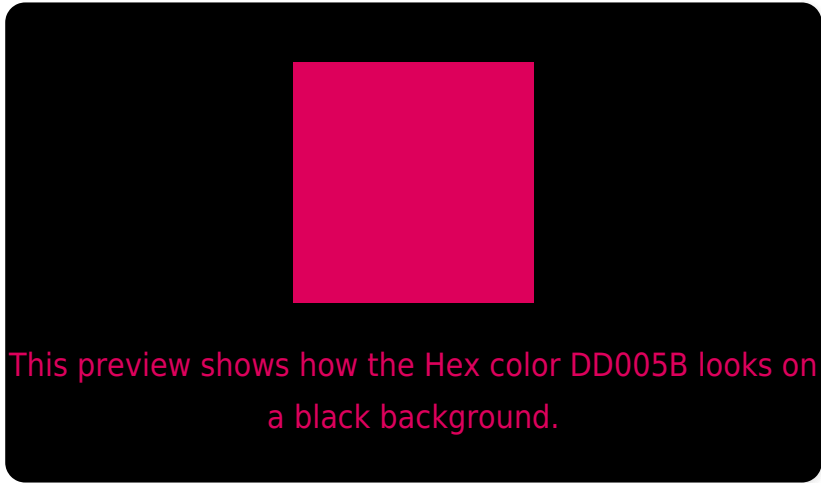
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD005B Background



This preview shows how black text looks on a background with the Hex color DD005B.

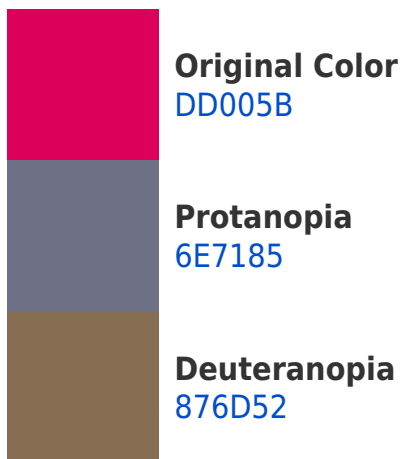


This preview shows how white text looks on a background with the Hex color DD005B.

# 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



**Original Color**  
DD005B



**Protanomaly**  
964876



**Deuteranomaly**  
A64555



**Tritanomaly**  
DC1737

# Monochromacy



**Original Color**  
DD005B



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
813051

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD005B 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 #DD005B looks like.

```
.text, #text, p{  
    color:#DD005B  
}
```

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 #DD005B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD005B
}
```

## Border

The CSS property to change the border of an element to Hex DD005B 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
#DD005B }
```

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

```
.border{ border-color:#DD005B }
```

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

Here you see how a box with a 4 pixel #DD005B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD005B; -webkit-box-shadow:4px 4px  
4px 4px #DD005B; box-shadow:4px 4px 4px  
4px #DD005B }
```

# Background

The CSS property to change the background color of an element to Hex DD005B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD005B }
```

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

```
.background{ background-color:#DD005B }
```

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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