

Converting Colors

Hex(D5006A)

Have a look what the booklet for
Hex(D5006A) contains.

Hex(D5006A)	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(D5006A)

Conversions

Conversions Part 1

Format	Color
Hex	D5006A
RGB	213, 0, 106
RGB Percent	84%, 0%, 42%
CMY	0.1647, 1.0000, 0.5843
CMYK	0.00, 1.00, 0.50, 0.16
HSL	330°, 100%, 42%
HSV	330°, 100%, 84%
XYZ	30.0421, 15.1867, 14.9836
YIQ	75.7710, 92.9220, 78.1220

Conversions

Conversions Part 2

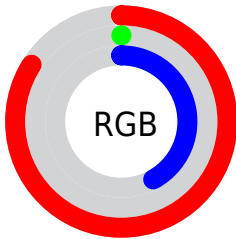
Format	Color
R_{YB}	213, 0, 106
Decimal	13959274
CIE _{Lab}	45.89, 73.83, 3.45
CIE _{LCh}	46, 73.910, 2.675
Yxy	15.1867, 0.4989, 0.2522
Android (android.graphics.Color)	4292149354 (0xFFD5006A)
YUV	75.7710, 14.9029, 120.3498
Hunter-Lab	38.9702, 69.4078, 4.4828

Details

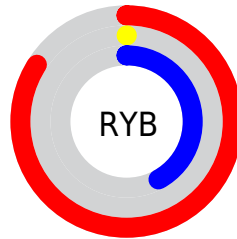
The Hex color **D5006A** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00D56B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5A9D**, and **97003B** is the 20% darker color. If you saturate the color by 10%, you get **D5006A**, and if you desaturate by 10%, it is **D51575**.

Distribution



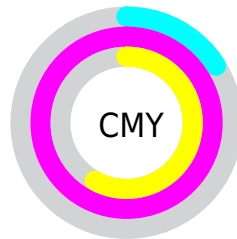
- Red (84%)
- Green (0%)
- Blue (42%)



- Red (84%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5006A 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 D5006A by changing the saturation by 10% instead.

 D5006A

 D5006A

FFFFFF

 B60052

 FF5A9D

 97003B

 FF78B8

 790026

 FF96D3

 5B0011

 FFB4F0

 3E0003

 FFD2FF

 1A0001

 FFF0FF

 000000

 D5006A

 D51575

 D52B7F

 D5408A

 D55595

 D56B9F

 D580AA

 D595B5

 D5AAC0

 D5C0CA

Harmonies

Analogous

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



B930A7



D5006A



CF2B2E

Triad

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



D5006A



3E7B00



0081DB

Complementary

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



D5006A



00D56B

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.



0086AE



D5006A



00832F

Square

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



D5006A



806C00



008671



0073EA

Rectangle

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



D5006A



BC4700



008671



0084CF

Sweetspot

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



D5006A



FFB3D9



6B00D5



805268



000000



808080

Same Dimension

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



D5006A



FF007F



D50000



6B6066



AB0055



2B0016

Inverse Universe

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



D5006A



FF007F



00D5D5



6B6066



AB0055



2B0016

Previews

White Background



This preview shows how the Hex color D5006A looks on a white background.

Color Contrast Check

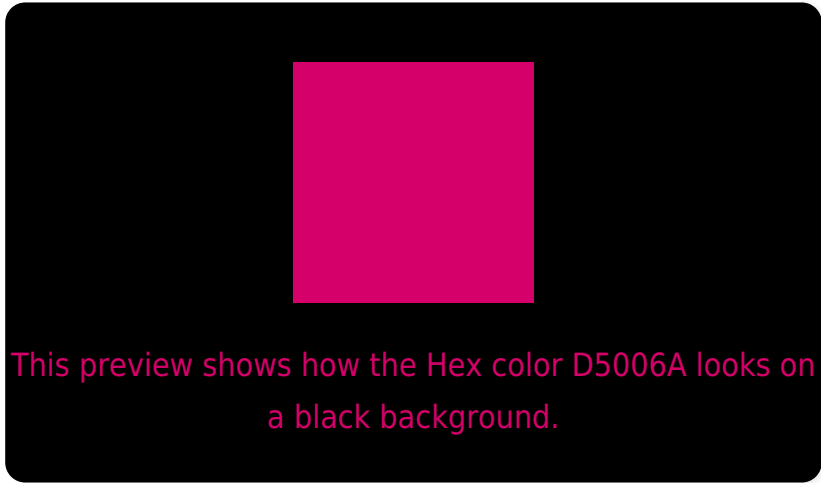
Large Text (above 18pt) WCAG AA ✓ Pass

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 D5006A Background



This preview shows how black text looks on a background with the Hex color D5006A.

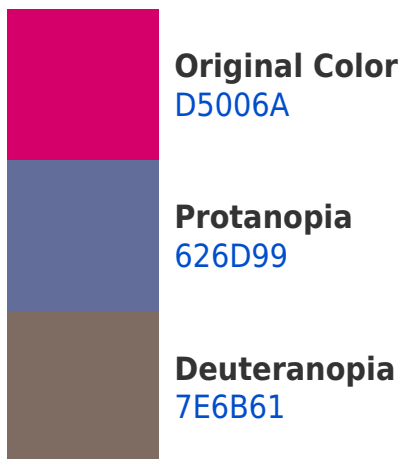


This preview shows how white text looks on a background with the Hex color D5006A.

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





Tritanopia
D22A2A

Trichromacy



Original Color
D5006A



Protanomaly
8C4588



Deuteranomaly
9E4464



Tritanomaly
D31B41

Monochromacy



Original Color
D5006A



Achromatopsia
4C4C4C



Achromatomaly
7E3057

CSS Examples

Text

The CSS property to change the color of the text to Hex D5006A 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 #D5006A looks like.

```
.text, #text, p{  
    color:#D5006A  
}
```

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 #D5006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5006A
}
```

Border

The CSS property to change the border of an element to Hex D5006A 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
#D5006A }
```

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

```
.border{ border-color:#D5006A }
```

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

Here you see how a box with a 4 pixel #D5006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5006A; -webkit-box-shadow:4px 4px  
4px 4px #D5006A; box-shadow:4px 4px 4px  
4px #D5006A }
```

Background

The CSS property to change the background color of an element to Hex D5006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5006A }
```

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

```
.background{ background-color:#D5006A }
```

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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