

# Converting Colors

Hex(DC056A)

Have a look what the booklet for  
Hex(DC056A) contains.

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**Color**

**Hex(DC056A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC056A
RGB	220, 5, 106
RGB Percent	86%, 2%, 42%
CMY	0.1373, 0.9804, 0.5843
CMYK	0.00, 0.98, 0.52, 0.14
HSL	332°, 96%, 44%
HSV	332°, 98%, 86%
XYZ	32.1710, 16.3648, 15.0988
YIQ	80.7990, 95.7190, 76.9910

# Conversions

## Conversions Part 2

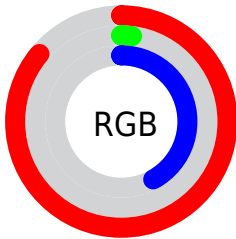
Format	Color
<b>R<sub>YB</sub></b>	220, 5, 106
Decimal	14419306
CIE <sub>Lab</sub>	47.45, 74.96, 5.88
CIE <sub>LCh</sub>	47, 75.195, 4.482
Yxy	16.3648, 0.5056, 0.2572
Android (android.graphics.Color)	4292609386 (0xFFDC056A)
YUV	80.7990, 12.4241, 122.0793
Hunter-Lab	40.4534, 71.1604, 6.1881

# Details

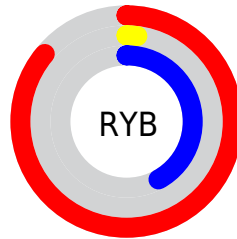
The Hex color **DC056A** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **05DC77**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5C9D**, and **9E003B** is the 20% darker color. If you saturate the color by 10%, you get **DC0067**, and if you desaturate by 10%, it is **DC1B76**.

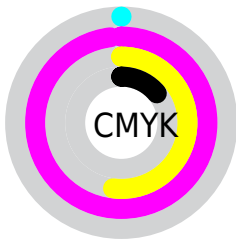
# Distribution



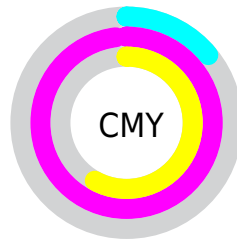
- Red (86%)
- Green (2%)
- Blue (42%)



- Red (86%)
- Yellow (2%)
- Blue (42%)



- Cyan (0%)
- Magenta (98%)
- Yellow (52%)
- Black (14%)



- Cyan (14%)
- Magenta (98%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC056A 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 DC056A by changing the saturation by 10% instead.



 DC056A

 DC056A

FFFFFF

 BD0052

 FF5C9D

 9E003B

 FF7BB8

 7F0026

 FF99D3

 610011

 FFB7F0

 440003

 FFD5FF

 230001

 FFF3FF

 000000

 DC056A

 DC056A

 DC0067

 DC1B76

 DC3181

 DC478D

 DC5D99

 DC73A4

 DC89B0

 DC9FBC

 DCB5C7

 DCCBD3

# Harmonies

## Analogous

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



C130A8



DC056A



D4312C

# Triad

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



DC056A



3C8000



0085E4

# Complementary

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



DC056A



05DC77

# 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.



008BB7



DC056A



008835

# Square

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



DC056A



817100



008B79



0076F1

# Rectangle

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



DC056A



C04C00



008B79



0088D8



# Sweetspot

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



DC056A



FFB5D8



7405DC



805368



000000



808080



# Same Dimension

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



DC056A



FF0078



DC0905



6E6368



AD0051



2E0016



# Inverse Universe

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



DC056A



FF0078



05D8DC



6E6368



AD0051



2E0016



# Previews

## White Background



This preview shows how the Hex color DC056A looks on a white background.

## Color Contrast Check

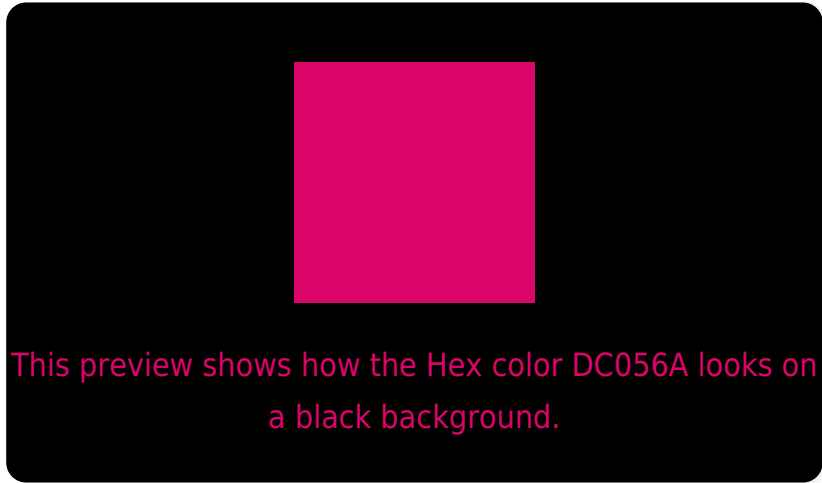
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC056A Background



This preview shows how black text looks on a background with the Hex color DC056A.

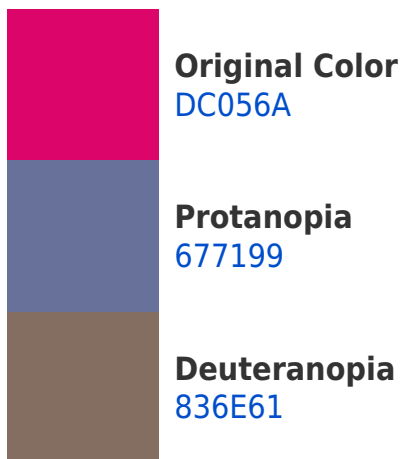


This preview shows how white text looks on a background with the Hex color DC056A.

# 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**  
D92A2A

# Trichromacy



**Original Color**  
DC056A



**Protanomaly**  
924A88



**Deuteranomaly**  
A34864



**Tritanomaly**  
DA1D41

# Monochromacy



**Original Color**  
DC056A



**Achromatopsia**  
515151



**Achromatomaly**  
84355A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC056A 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 #DC056A looks like.

```
.text, #text, p{  
  color:#DC056A  
}
```

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 #DC056A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC056A
}
```

## Border

The CSS property to change the border of an element to Hex DC056A 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
#DC056A }
```

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

```
.border{ border-color:#DC056A }
```

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

Here you see how a box with a 4 pixel #DC056A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC056A; -webkit-box-shadow:4px 4px  
4px 4px #DC056A; box-shadow:4px 4px 4px  
4px #DC056A }
```

# Background

The CSS property to change the background color of an element to Hex DC056A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC056A }
```

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

```
.background{ background-color:#DC056A }
```

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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