

# Converting Colors

Hex(DA006E)

Have a look what the booklet for  
Hex(DA006E) contains.

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**Color**

**Hex(DA006E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA006E
RGB	218, 0, 110
RGB Percent	85%, 0%, 43%
CMY	0.1451, 1.0000, 0.5686
CMYK	0.00, 1.00, 0.50, 0.15
HSL	330°, 100%, 43%
HSV	330°, 100%, 85%
XYZ	31.7279, 16.0312, 16.1739
YIQ	77.7220, 94.6180, 80.4260

# Conversions

## Conversions Part 2

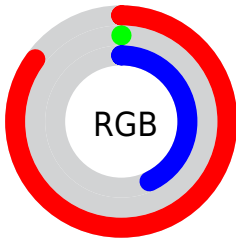
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 0, 110
Decimal	14286958
CIE <sub>Lab</sub>	47.02, 75.23, 2.73
CIE <sub>LCh</sub>	47, 75.278, 2.076
Yxy	16.0312, 0.4963, 0.2507
Android (android.graphics.Color)	4292477038 (0xFFDA006E)
YUV	77.7220, 15.9131, 123.0238
Hunter-Lab	40.0390, 71.3797, 4.0768

# Details

The Hex color **DA006E** 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 **00DA6C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5BA1**, and **9C003F** is the 20% darker color. If you saturate the color by 10%, you get **DA006E**, and if you desaturate by 10%, it is **DA1679**.

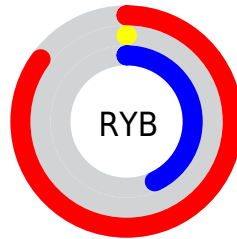
# Distribution



Red (85%)

Green (0%)

Blue (43%)



Red (85%)

Yellow (0%)

Blue (43%)

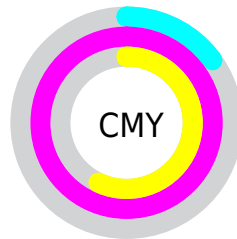


Cyan (0%)

Magenta (100%)

Yellow (50%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA006E 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 DA006E by changing the saturation by 10% instead.



 DA006E

 DA006E

FFFFFF

 BB0056

 FF5BA1

 9C003F

 FF7ABC

 7E0029

 FF98D8

 5F0015

 FFB5F4

 430003

 FFD3FF

 210001

 FFF2FF

 000000

 DA006E

 DA1679

 DA2C84

 DA418E

 DA5799

 DA6DA4

 DA83AF

 DA99BA

 DAAEC4

 DAC4CF

# Harmonies

## Analogous

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



BC33AC



DA006E



D42B30

# Triad

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



DA006E



427E00



0085E0

# Complementary

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



DA006E



00DA6C

# 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.



008AB2



DA006E



00862E

# Square

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



DA006E



846F00



008A72



0077F0

# Rectangle

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



DA006E



C24800



008A72



0087D3



# Sweetspot

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



DA006E



FFB3D9



6900DA



805269



000000



808080



# Same Dimension

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



DA006E



FF0081



DA0004



6E6368



AD0057



2E0017



# Inverse Universe

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



DA006E



FF0081



00DAD6



6E6368



AD0057



2E0017



# Previews

## White Background



This preview shows how the Hex color DA006E looks on a white background.

## Color Contrast Check

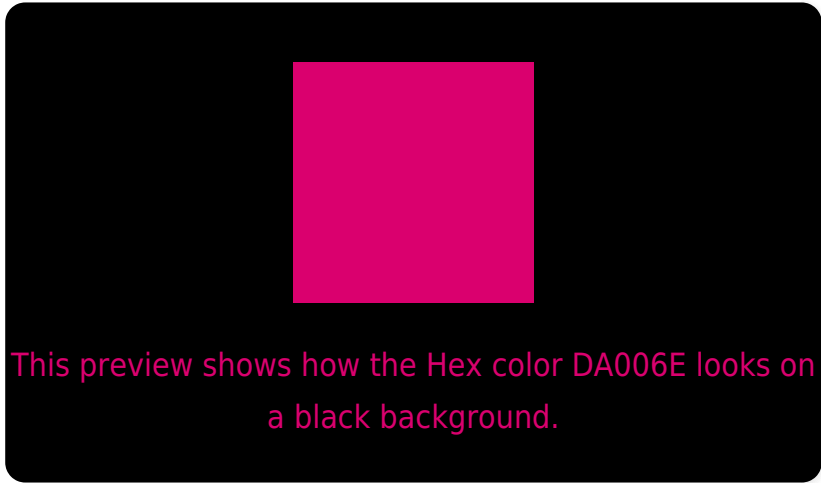
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA006E Background



This preview shows how black text looks on a background with the Hex color DA006E.



This preview shows how white text looks on a background with the Hex color DA006E.

# 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**  
DA006E



**Protanomaly**  
8E478D



**Deuteranomaly**  
A14568



**Tritanomaly**  
D81C44

# Monochromacy



**Original Color**  
DA006E



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
81325A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA006E 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 #DA006E looks like.

```
.text, #text, p{  
    color:#DA006E  
}
```

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 #DA006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA006E
}
```

## Border

The CSS property to change the border of an element to Hex DA006E 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
#DA006E }
```

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

```
.border{ border-color:#DA006E }
```

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

Here you see how a box with a 4 pixel #DA006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA006E; -webkit-box-shadow:4px 4px  
4px 4px #DA006E; box-shadow:4px 4px 4px  
4px #DA006E }
```

# Background

The CSS property to change the background color of an element to Hex DA006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA006E }
```

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

```
.background{ background-color:#DA006E }
```

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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