

# Converting Colors

Hex(DA5069)

Have a look what the booklet for  
Hex(DA5069) contains.

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# Color

**Hex(DA5069)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA5069
RGB	218, 80, 105
RGB Percent	85%, 31%, 41%
CMY	0.1451, 0.6863, 0.5882
CMYK	0.00, 0.63, 0.52, 0.15
HSL	349°, 65%, 58%
HSV	349°, 63%, 85%
XYZ	34.3319, 21.6627, 15.7364
YIQ	124.1120, 74.2230, 37.0310

# Conversions

## Conversions Part 2

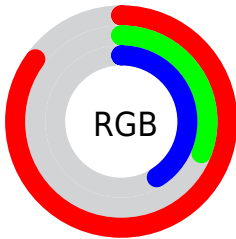
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 80, 105
Decimal	14307433
CIE Lab	53.67, 55.80, 15.16
CIE LCh	54, 57.820, 15.199
Yxy	21.6627, 0.4786, 0.3020
Android (android.graphics.Color)	4292497513 (0xFFDA5069)
YUV	124.1120, -9.4222, 82.3398
Hunter-Lab	46.5432, 50.2174, 12.5340

# Details

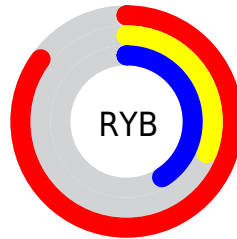
The Hex color **DA5069** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **50DAC1**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF889C**, and **9E0E3A** is the 20% darker color. If you saturate the color by 10%, you get **DA3A57**, and if you desaturate by 10%, it is **DA667B**.

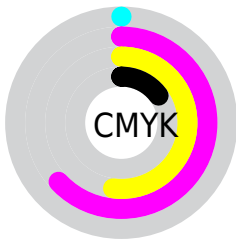
# Distribution



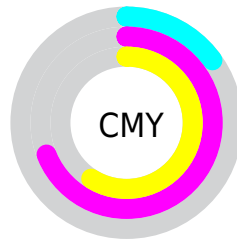
- Red (85%)
- Green (31%)
- Blue (41%)



- Red (85%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (63%)
- Yellow (52%)
- Black (15%)



- Cyan (15%)
- Magenta (69%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA5069 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 DA5069 by changing the saturation by 10% instead.



 DA5069

 DA5069

FFFFFF

 BC3351

 FF889C

 9E0E3A

 FFA4B7

 800025

 FFC0D2

 630011

 FFDDEF

 470001

 FFFAFF

 290001

 000000

 DA5069

 DA5069

 DA3A57

 DA667B

 DA2445

 DA7C8D

 DA0F33

 DA919F

 DA0027

 DAA7B0

 DABDC2

 DAD3D4

 DAE9E6

 DAFEF8

 DAFFFF

# Harmonies

## Analogous

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



CE539B



DA5069



CD603B

# Triad

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



DA5069



479035



008DE1

# Complementary

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



DA5069



50DAC1

# 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.



0095C6



DA5069



009665

# Square

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



DA5069



81860D



009899



4B7DE1

# Rectangle

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



DA5069



BA6E20



009899



0090DA



# Sweetspot

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



DA5069



FFCFD7



C150DA



806267



000000



808080



# Same Dimension

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



DA5069



FF3D60



DA7C50



6E6365



AD001F



2E0008



# Inverse Universe

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



DA5069



FF3D60



50AEDA



6E6365



AD001F

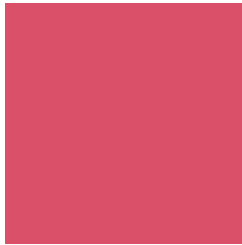


2E0008



# Previews

## White Background



This preview shows how the Hex color DA5069 looks on a white background.

## Color Contrast Check

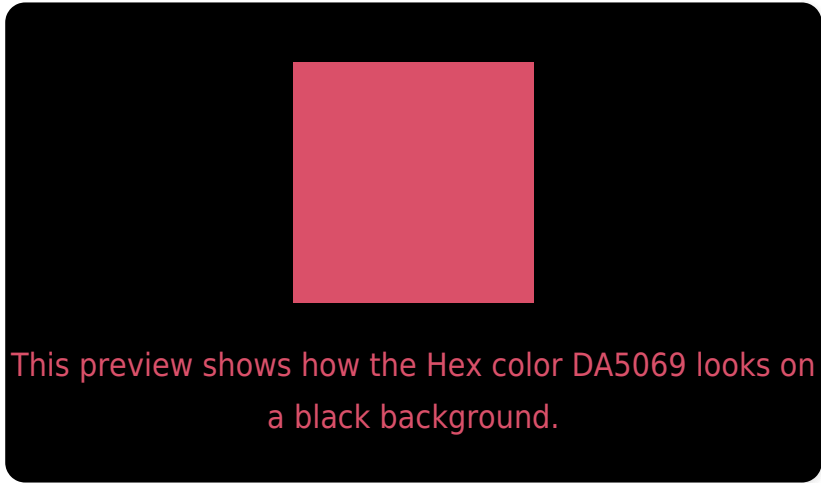
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex DA5069 Background



This preview shows how black text looks on a background with the Hex color DA5069.

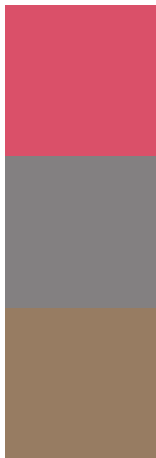


This preview shows how white text looks on a background with the Hex color DA5069.

# 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**  
DA5069

**Protanopia**  
838081

**Deuteranopia**  
977C62



**Tritanopia**  
D95358

# Trichromacy



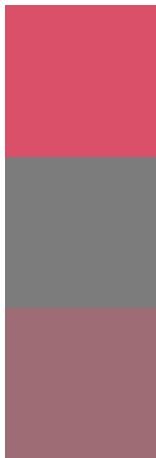
**Original Color**  
DA5069

**Protanomaly**  
A36F78

**Deuteranomaly**  
AF6C65

**Tritanomaly**  
D9525E

# Monochromacy



**Original Color**  
DA5069

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
9E6C75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA5069 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 #DA5069 looks like.

```
.text, #text, p{  
    color:#DA5069  
}
```

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 #DA5069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA5069
}
```

## Border

The CSS property to change the border of an element to Hex DA5069 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
#DA5069 }
```

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

```
.border{ border-color:#DA5069 }
```

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

Here you see how a box with a 4 pixel #DA5069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA5069; -webkit-box-shadow:4px 4px  
4px 4px #DA5069; box-shadow:4px 4px 4px  
4px #DA5069 }
```

# Background

The CSS property to change the background color of an element to Hex DA5069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA5069 }
```

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

```
.background{ background-color:#DA5069 }
```

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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