

Converting Colors

Hex(DC536A)

Have a look what the booklet for
Hex(DC536A) contains.

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Color

Hex(DC536A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DC536A |
| RGB | 220, 83, 106 |
| RGB Percent | 86%, 33%, 42% |
| CMY | 0.1373, 0.6745, 0.5843 |
| CMYK | 0.00, 0.62, 0.52, 0.14 |
| HSL | 350°, 66%, 59% |
| HSV | 350°, 62%, 86% |
| XYZ | 35.2100, 22.4428, 16.1118 |
| YIQ | 126.5850, 74.2690, 36.1970 |

Conversions

Conversions Part 2

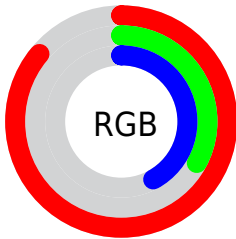
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 220, 83, 106 |
| Decimal | 14439274 |
| CIE Lab | 54.49, 55.25, 15.76 |
| CIE LCh | 54, 57.448, 15.918 |
| Yxy | 22.4428, 0.4773, 0.3042 |
| Android (android.graphics.Color) | 4292629354 (0xFFDC536A) |
| YUV | 126.5850, -10.1484, 81.9250 |
| Hunter-Lab | 47.3738, 49.7637, 12.9972 |

Details

The Hex color **DC536A** 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 **53DCC5**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF8A9D**, and **A0143B** is the 20% darker color. If you saturate the color by 10%, you get **DC3D58**, and if you desaturate by 10%, it is **DC697C**.

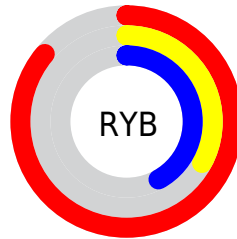
Distribution



Red (86%)

Green (33%)

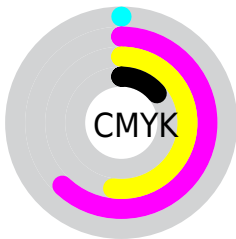
Blue (42%)



Red (86%)

Yellow (33%)

Blue (42%)

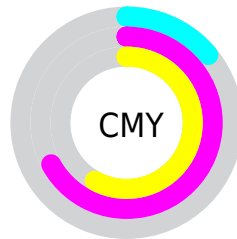


Cyan (0%)

Magenta (62%)

Yellow (52%)

Black (14%)



Cyan (14%)

Magenta (67%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC536A 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 DC536A by changing the saturation by 10% instead.

 DC536A

 DC536A

FFFFFF

 BE3652

 FF8A9D

 A0143B

 FFA6B8

 820026

 FFC3D4

 650012

 FFE0F0

 480001

 FFFDFD

 2C0001

 000000

 DC536A

 DC536A

 DC3D58

 DC697C

 DC2745

 DC7F8F

 DC1133

 DC95A1

 DC0025

 DCABB3

 DCC1C6

 DCD7D8

 DCEDEA

 DCFFFC

 DCFFFF

Harmonies

Analogous

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



D0569C



DC536A



CF633C

Triad

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



DC536A



489338



008FE3

Complementary

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



DC536A



53DCC5

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.



0097C9



DC536A



009868

Square

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



DC536A



828812



009A9C



527FE2

Rectangle

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



DC536A



BB7123



009A9C



0092DD

Sweetspot

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



DC536A



FFCFD7



C353DC



806267



000000



808080

Same Dimension

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



DC536A



FF4060



DC7E53



6E6365



AD001D



2E0008

Inverse Universe

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



DC536A



FF4060



53B1DC



6E6365



AD001D



2E0008

Previews

White Background



This preview shows how the Hex color DC536A looks on a white background.

Color Contrast Check

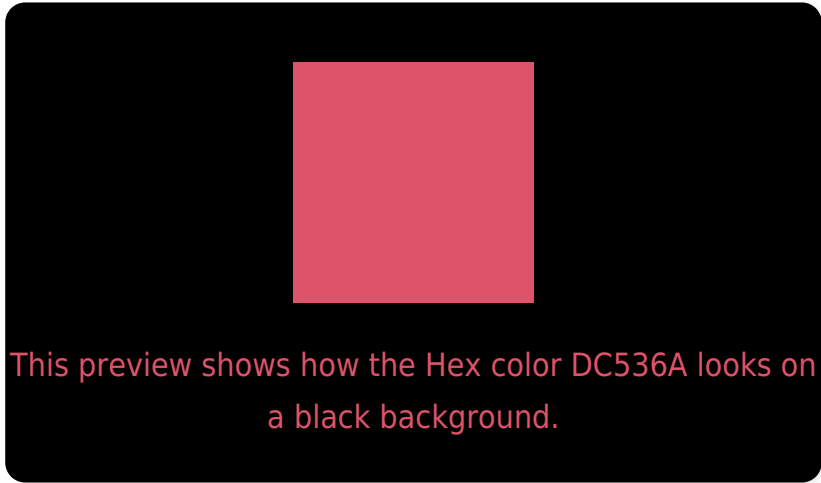
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC536A Background



This preview shows how black text looks on a background with the Hex color DC536A.

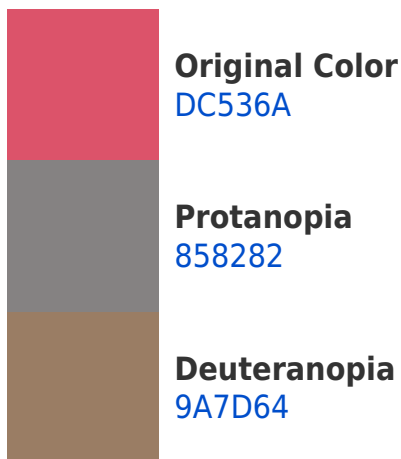



This preview shows how white text looks on a background with the Hex color DC536A.

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
DB565B

Trichromacy



Original Color
DC536A

Protanomaly
A57179

Deuteranomaly
B26E66

Tritanomaly
DB5560

Monochromacy



Original Color
DC536A

Achromatopsia
7F7F7F

Achromatomaly
A16F77

CSS Examples

Text

The CSS property to change the color of the text to Hex DC536A 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 #DC536A looks like.

```
.text, #text, p{  
    color:#DC536A  
}
```

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 #DC536A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC536A
}
```

Border

The CSS property to change the border of an element to Hex DC536A 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
#DC536A }
```

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

```
.border{ border-color:#DC536A }
```

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

Here you see how a box with a 4 pixel #DC536A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC536A; -webkit-box-shadow:4px 4px  
4px 4px #DC536A; box-shadow:4px 4px 4px  
4px #DC536A }
```

Background

The CSS property to change the background color of an element to Hex DC536A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC536A }
```

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

```
.background{ background-color:#DC536A }
```

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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