

Converting Colors

Hex(DC538B)

Have a look what the booklet for
Hex(DC538B) contains.

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Color

Hex(DC538B)

Conversions

Conversions Part 1

Format	Color
Hex	DC538B
RGB	220, 83, 139
RGB Percent	86%, 33%, 55%
CMY	0.1373, 0.6745, 0.4549
CMYK	0.00, 0.62, 0.37, 0.14
HSL	335°, 66%, 59%
HSV	335°, 62%, 86%
XYZ	37.2687, 23.2662, 26.9527
YIQ	130.3470, 63.6760, 46.4600

Conversions

Conversions Part 2

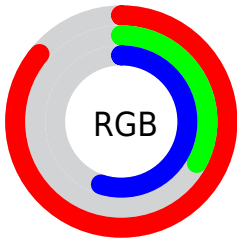
Format	Color
R_{YB}	220, 83, 139
Decimal	14439307
CIE Lab	55.35, 58.44, -2.57
CIE LCh	55, 58.497, 357.484
Yxy	23.2662, 0.4260, 0.2659
Android (android.graphics.Color)	4292629387 (0xFFDC538B)
YUV	130.3470, 4.2659, 78.6257
Hunter-Lab	48.2351, 53.5059, 0.6347

Details

The Hex color **DC538B** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **53DCA4**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF8BC0**, and **A11159** is the 20% darker color. If you saturate the color by 10%, you get **DC3D7E**, and if you desaturate by 10%, it is **DC6998**.

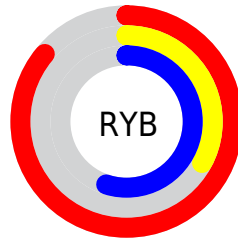
Distribution



Red (86%)

Green (33%)

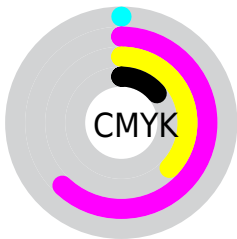
Blue (55%)



Red (86%)

Yellow (33%)

Blue (55%)

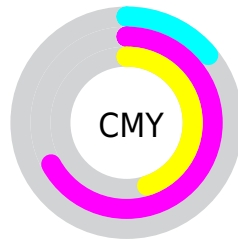


Cyan (0%)

Magenta (62%)

Yellow (37%)

Black (14%)



Cyan (14%)

Magenta (67%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC538B 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 DC538B by changing the saturation by 10% instead.

 DC538B

 DC538B

FFFFFF

 BE3672

 FF8BC0

 A11159

 FFA7DC

 840042

 FFC4F9

 67002C

 FFE1FF

 4B0018

 310002

 000000

 DC538B

 DC538B

 DC3D7E

 DC6998

 DC2771

 DC7FA5

 DC1164

 DC95B2

 DC005A

 DCABBF

 DCC1CC

 DCD7D9

 DCEDE6

 DCFFF3

 DCFFFF

Harmonies

Analogous

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



BE62BC



DC538B



DD5959

Triad

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



DC538B



708F1F



0097DA

Complementary

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



DC538B



53DCA4

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.



009CB2



DC538B



20984B

Square

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



DC538B



A1810D



009C7F



008CEA

Rectangle

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



DC538B



D1653B



009C7F



0099CE

Sweetspot

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



DC538B



FFCFE2



A353DC



80626E



000000



808080

Same Dimension

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



DC538B



FF408E



DC5E53



6E6367



AD0047



2E0013

Inverse Universe

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



DC538B



FF408E



53D1DC



6E6367



AD0047



2E0013

Previews

White Background



This preview shows how the Hex color DC538B looks on a white background.

Color Contrast Check

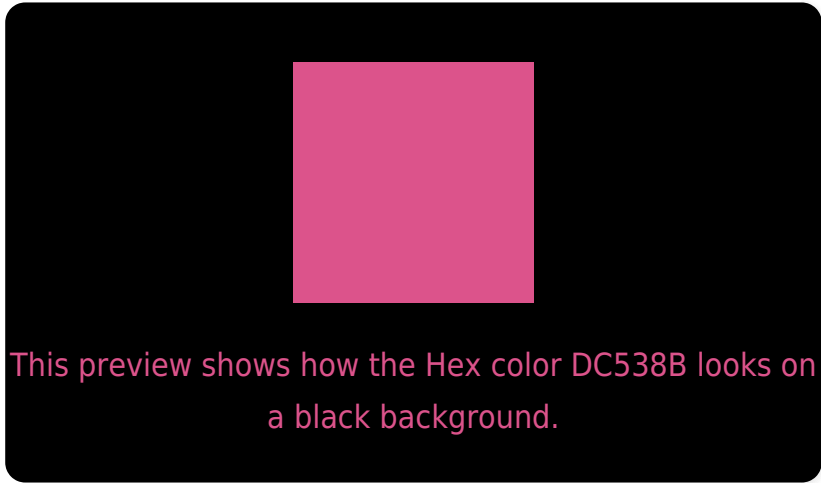
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC538B Background



This preview shows how black text looks on a background with the Hex color DC538B.

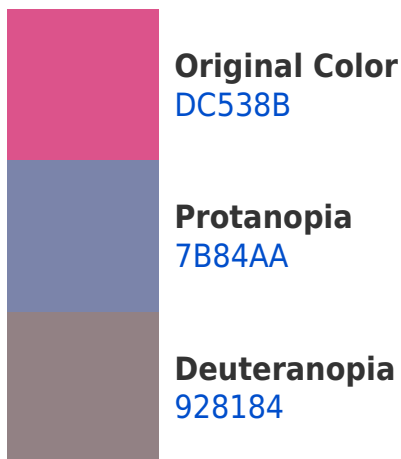



This preview shows how white text looks on a background with the Hex color DC538B.

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
D95C62

Trichromacy



Original Color
DC538B



Protanomaly
9E729F



Deuteranomaly
AD7087

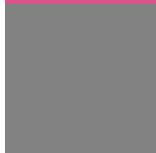


Tritanomaly
DA5971

Monochromacy



Original Color
DC538B



Achromatopsia
828282



Achromatomaly
A37185

CSS Examples

Text

The CSS property to change the color of the text to Hex DC538B 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 #DC538B looks like.

```
.text, #text, p{  
    color:#DC538B  
}
```

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 #DC538B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC538B
}
```

Border

The CSS property to change the border of an element to Hex DC538B 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
#DC538B }
```

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

```
.border{ border-color:#DC538B }
```

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

Here you see how a box with a 4 pixel #DC538B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC538B; -webkit-box-shadow:4px 4px  
4px 4px #DC538B; box-shadow:4px 4px 4px  
4px #DC538B }
```

Background

The CSS property to change the background color of an element to Hex DC538B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC538B }
```

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

```
.background{ background-color:#DC538B }
```

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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