

Converting Colors

Hex(DC649B)

Have a look what the booklet for
Hex(DC649B) contains.

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Color

Hex(DC649B)

Conversions

Conversions Part 1

Format	Color
Hex	DC649B
RGB	220, 100, 155
RGB Percent	86%, 39%, 61%
CMY	0.1373, 0.6078, 0.3922
CMYK	0.00, 0.55, 0.30, 0.14
HSL	332°, 63%, 63%
HSV	332°, 55%, 86%
XYZ	39.9888, 26.6965, 34.0557
YIQ	142.1500, 53.8650, 42.5450

Conversions

Conversions Part 2

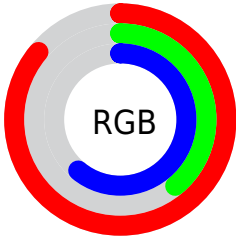
Format	Color
R _Y B	220, 100, 155
Decimal	14443675
CIE Lab	58.69, 52.71, -6.98
CIE LCh	59, 53.170, 352.456
Yxy	26.6965, 0.3969, 0.2650
Android (android.graphics.Color)	4292633755 (0xFFDC649B)
YUV	142.1500, 6.3351, 68.2745
Hunter-Lab	51.6687, 47.7291, -2.9109

Details

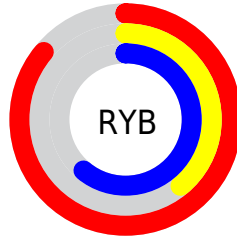
The Hex color **DC649B** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64DCA5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9BD1**, and **A22C68** is the 20% darker color. If you saturate the color by 10%, you get **DC4E8F**, and if you desaturate by 10%, it is **DC7AA7**.

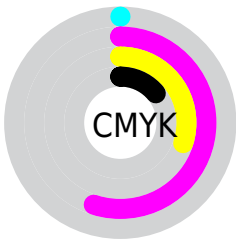
Distribution



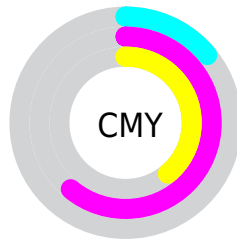
- Red (86%)
- Green (39%)
- Blue (61%)



- Red (86%)
- Yellow (39%)
- Blue (61%)



- Cyan (0%)
- Magenta (55%)
- Yellow (30%)
- Black (14%)



- Cyan (14%)
- Magenta (61%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC649B 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 DC649B by changing the saturation by 10% instead.

 DC649B

 DC649B

FFFFFF

 BF4981

 FF9BD1

 A22C68

 FFB7EE

 850650

 FFD4FF

 690039

 FFF1FF

 4E0024

 36000D

 0A0000

 000000

 DC649B

 DC649B

 DC4E8F

 DC7AA7

 DC3883

 DC90B3

 DC2277

 DCA6BF

 DC0C6B

 DCBCCB

 DC0065

 DCD2D7

 DCE8E3

 DCFEEE

 DCFFFA

 DCFFFF

Harmonies

Analogous

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



BB72C7



DC649B



E2666C

Triad

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



DC649B



849530



00A0D6

Complementary

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



DC649B



64DCA5

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.



00A4AF



DC649B



4A9F52

Square

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



DC649B



B0872B



00A37F



0096E9

Rectangle

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



DC649B



D96F50



00A37F



00A2CB

Sweetspot

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



DC649B



FFD6E9



A464DC



806772



000000



808080

Same Dimension

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



DC649B



FF59A5



DC6864



6E6368



AD004F



2E0015

Inverse Universe

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



DC649B



FF59A5



64D8DC



6E6368



AD004F



2E0015

Previews

White Background



This preview shows how the Hex color DC649B looks on a white background.

Color Contrast Check

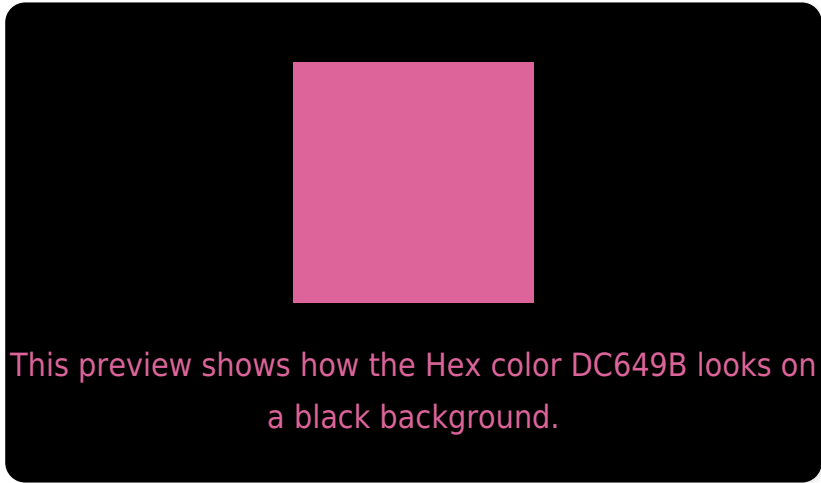
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC649B Background



This preview shows how black text looks on a background with the Hex color DC649B.



This preview shows how white text looks on a background with the Hex color DC649B.

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
D96C74

Trichromacy



Original Color
DC649B



Protanomaly
A37DAC



Deuteranomaly
B17C97

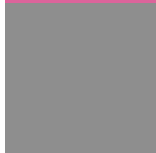


Tritanomaly
DA6982

Monochromacy



Original Color
DC649B



Achromatopsia
8E8E8E



Achromatomaly
AA7F93

CSS Examples

Text

The CSS property to change the color of the text to Hex DC649B 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 #DC649B looks like.

```
.text, #text, p{  
    color:#DC649B  
}
```

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 #DC649B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC649B
}
```

Border

The CSS property to change the border of an element to Hex DC649B 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
#DC649B }
```

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

```
.border{ border-color:#DC649B }
```

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

Here you see how a box with a 4 pixel #DC649B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC649B; -webkit-box-shadow:4px 4px  
4px 4px #DC649B; box-shadow:4px 4px 4px  
4px #DC649B }
```

Background

The CSS property to change the background color of an element to Hex DC649B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC649B }
```

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

```
.background{ background-color:#DC649B }
```

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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