

Converting Colors

Hex(DC59C8)

Have a look what the booklet for
Hex(DC59C8) contains.

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Color

Hex(DC59C8)

Conversions

Conversions Part 1

Format	Color
Hex	DC59C8
RGB	220, 89, 200
RGB Percent	86%, 35%, 78%
CMY	0.1373, 0.6510, 0.2157
CMYK	0.00, 0.60, 0.09, 0.14
HSL	309°, 65%, 61%
HSV	309°, 60%, 86%
XYZ	43.5129, 26.5305, 57.4711
YIQ	140.8230, 42.4450, 62.2930

Conversions

Conversions Part 2

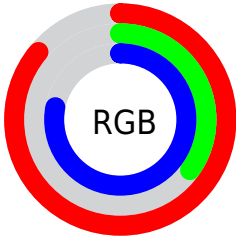
Format	Color
R _{YB}	220, 89, 200
Decimal	14440904
CIE Lab	58.54, 64.08, -33.12
CIE LCh	59, 72.129, 332.667
Yxy	26.5305, 0.3412, 0.2081
Android (android.graphics.Color)	4292630984 (0xFFDC59C8)
YUV	140.8230, 29.1743, 69.4382
Hunter-Lab	51.5078, 60.6551, -30.0988

Details

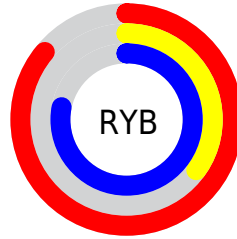
The Hex color **DC59C8** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **59DC6D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF92FF**, and **A21892** is the 20% darker color. If you saturate the color by 10%, you get **DC43C5**, and if you desaturate by 10%, it is **DC6FCB**.

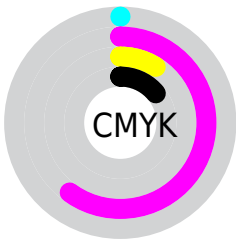
Distribution



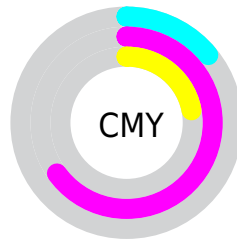
- Red (86%)
- Green (35%)
- Blue (78%)



- Red (86%)
- Yellow (35%)
- Blue (78%)



- Cyan (0%)
- Magenta (60%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC59C8 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 DC59C8 by changing the saturation by 10% instead.

 DC59C8

 DC59C8

FFFFFF

 BF3CAC

 FF92FF

 A21892

 FFAEFF

 860078

 FFCBFF

 6A005E

 FFE8FF

 4E0046

 360030

 14001A

 000000

 DC59C8

 DC59C8

 DC43C5

 DC6FCB

 DC2DC1

 DC85CF

 DC17BE

 DC9BD2

 DC01BB

 DCB1D5

 DC00BA

 DCC7D9

 DCDDDC

 DCF3E0

 DCFFE3

 DCFFE6

Harmonies

Analogous

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



9179F8



DC59C8



FA468A

Triad

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



DC59C8



A48C00



00A8D0

Complementary

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



DC59C8



59DC6D

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.



00A991



DC59C8



639C01

Square

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



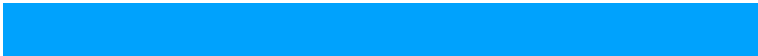
DC59C8



D6730B



00A54F



00A2FD

Rectangle

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



DC59C8



FB4D60



00A54F



00A9BC

Sweetspot

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



DC59C8



FFD1F8



6D59DC



80637B



000000



808080

Same Dimension

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



DC59C8



FF4AE3



DC5987



6E636C



AD0093



2E0027

Inverse Universe

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



DC59C8



FF4AE3



59DCAE



6E636C



AD0093



2E0027

Previews

White Background



This preview shows how the Hex color DC59C8 looks on a white background.

Color Contrast Check

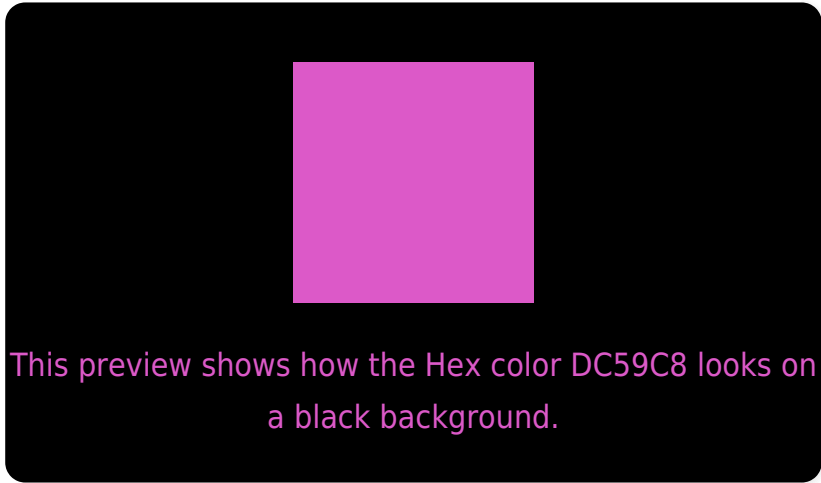
Large Text (above 18pt) WCAG AA ✓ Pass

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

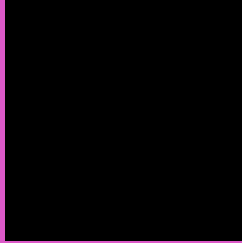
Any Text WCAG AA ✓ Pass

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 DC59C8 Background



This preview shows how black text looks on a background with the Hex color DC59C8.

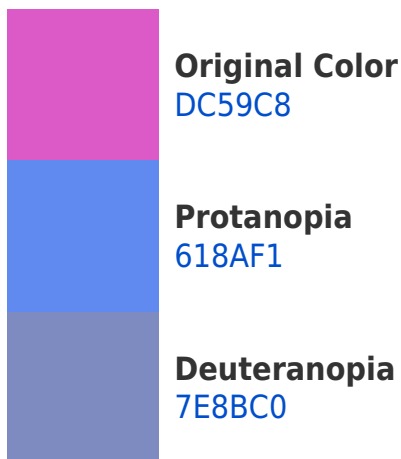


This preview shows how white text looks on a background with the Hex color DC59C8.

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
D36E76

Trichromacy



Original Color
DC59C8



Protanomaly
8E78E2



Deuteranomaly
A079C3



Tritanomaly
D66694

Monochromacy



Original Color
DC59C8



Achromatopsia
8D8D8D



Achromatomaly
AA7AA2

CSS Examples

Text

The CSS property to change the color of the text to Hex DC59C8 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 #DC59C8 looks like.

```
.text, #text, p{  
    color:#DC59C8  
}
```

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 #DC59C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC59C8
}
```

Border

The CSS property to change the border of an element to Hex DC59C8 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
#DC59C8 }
```

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

```
.border{ border-color:#DC59C8 }
```

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

Here you see how a box with a 4 pixel #DC59C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC59C8; -webkit-box-shadow:4px 4px  
4px 4px #DC59C8; box-shadow:4px 4px 4px  
4px #DC59C8 }
```

Background

The CSS property to change the background color of an element to Hex DC59C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC59C8 }
```

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

```
.background{ background-color:#DC59C8 }
```

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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