

# Converting Colors

Hex(DC54C9)

Have a look what the booklet for  
Hex(DC54C9) contains.

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# Color

Hex(DC54C9)

# Conversions

## Conversions Part 1

Format	Color
Hex	DC54C9
RGB	220, 84, 201
RGB Percent	86%, 33%, 79%
CMY	0.1373, 0.6706, 0.2118
CMYK	0.00, 0.62, 0.09, 0.14
HSL	308°, 66%, 60%
HSV	308°, 62%, 86%
XYZ	43.2281, 25.7733, 57.9547
YIQ	138.0020, 43.4990, 65.2190

# Conversions

## Conversions Part 2

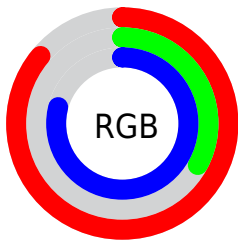
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 84, 201
Decimal	14439625
CIE <sub>Lab</sub>	57.82, 66.32, -34.81
CIE <sub>LCh</sub>	58, 74.898, 332.309
Y <sub>xy</sub>	25.7733, 0.3405, 0.2030
Android (android.graphics.Color)	4292629705 (0xFFDC54C9)
Y <sub>UV</sub>	138.0020, 31.0580, 71.9122
Hunter-Lab	50.7674, 63.1485, -32.1466

# Details

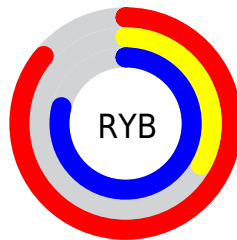
The Hex color **DC54C9** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **54DC67**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF8DFF**, and **A20C93** is the 20% darker color. If you saturate the color by 10%, you get **DC3EC6**, and if you desaturate by 10%, it is **DC6ACC**.

# Distribution



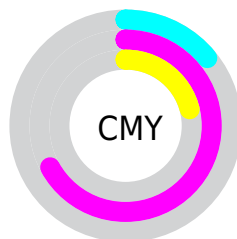
- Red (86%)
- Green (33%)
- Blue (79%)



- Red (86%)
- Yellow (33%)
- Blue (79%)



- Cyan (0%)
- Magenta (62%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (67%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC54C9 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 DC54C9 by changing the saturation by 10% instead.



 DC54C9

 DC54C9

FFFFFF

 BF36AD

 FF8DFE

 A20C93

 FFAAFF

 850078

 FFC7FF

 69005F

 FFE4FF

 4E0047

 350030

 12001A

 000000

 DC54C9

 DC54C9

 DC3EC6

 DC6ACC

 DC28C3

 DC80CF

 DC12C0

 DC96D2

 DC00BD

 DCACD5

 DCC2D8

 DCD8DB

 DCEEDF

 DCFE2

 DCFE5

# Harmonies

## Analogous

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



8D77FB



DC54C9



FC3D89

# Triad

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



DC54C9



A38A00



00A7D0

# Complementary

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



DC54C9



54DC67

# 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.



00A88E



DC54C9



609B00

# Square

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



DC54C9



D67000



00A44A



00A1FF

# Rectangle

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



DC54C9



FC455E



00A44A



00A8BB



# Sweetspot

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



DC54C9



FFCFF8



6654DC



80627B



000000



808080



# Same Dimension

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



DC54C9



FF42E5



DC5486



6E636C



AD0095



2E0027



# Inverse Universe

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



DC54C9



FF42E5



54DCAA



6E636C



AD0095



2E0027



# Previews

## White Background



This preview shows how the Hex color DC54C9 looks on a white background.

## Color Contrast Check

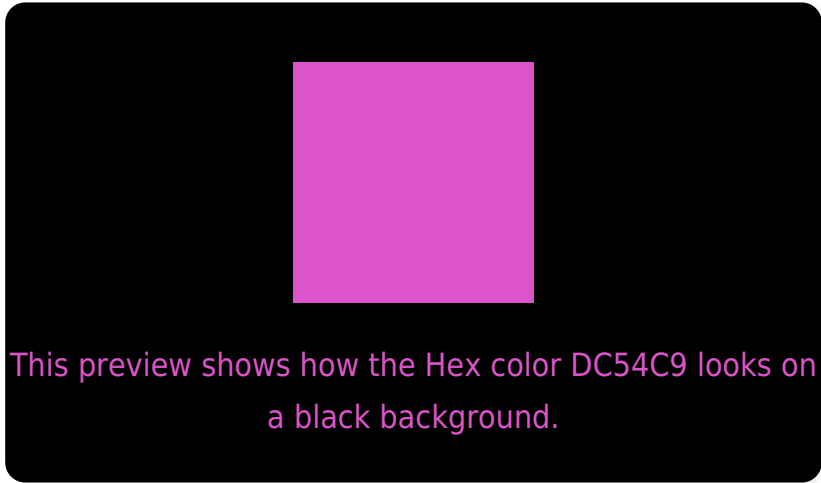
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC54C9 Background



This preview shows how black text looks on a background with the Hex color DC54C9.

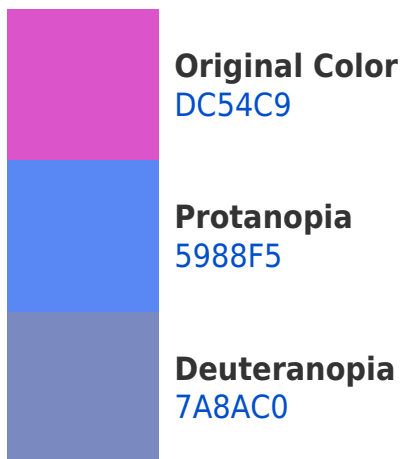



This preview shows how white text looks on a background with the Hex color DC54C9.

# 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**  
D36B73

# Trichromacy



**Original Color**  
DC54C9



**Protanomaly**  
8975E5



**Deuteranomaly**  
9E76C3



**Tritanomaly**  
D66392

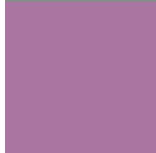
# Monochromacy



**Original Color**  
DC54C9



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
A876A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC54C9 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 #DC54C9 looks like.

```
.text, #text, p{  
    color:#DC54C9  
}
```

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 #DC54C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC54C9
}
```

## Border

The CSS property to change the border of an element to Hex DC54C9 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
#DC54C9 }
```

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

```
.border{ border-color:#DC54C9 }
```

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

Here you see how a box with a 4 pixel #DC54C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC54C9; -webkit-box-shadow:4px 4px  
4px 4px #DC54C9; box-shadow:4px 4px 4px  
4px #DC54C9 }
```

# Background

The CSS property to change the background color of an element to Hex DC54C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC54C9 }
```

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

```
.background{ background-color:#DC54C9 }
```

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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