

Converting Colors

Hex(DD209E)

Have a look what the booklet for
Hex(DD209E) contains.

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Color

Hex(DD209E)

Conversions

Conversions Part 1

Format	Color
Hex	DD209E
RGB	221, 32, 158
RGB Percent	87%, 13%, 62%
CMY	0.1333, 0.8745, 0.3804
CMYK	0.00, 0.86, 0.29, 0.13
HSL	320°, 75%, 50%
HSV	320°, 86%, 87%
XYZ	36.5069, 18.8738, 34.0666
YIQ	102.8750, 72.1980, 79.2540

Conversions

Conversions Part 2

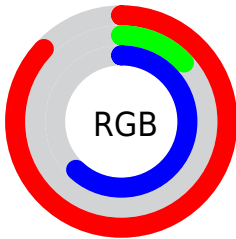
Format	Color
R_{YB}	221, 32, 158
Decimal	14491806
CIE Lab	50.54, 76.65, -21.05
CIE LCh	51, 79.485, 344.642
Yxy	18.8738, 0.4081, 0.2110
Android (android.graphics.Color)	4292681886 (0xFFDD209E)
YUV	102.8750, 27.1766, 103.5956
Hunter-Lab	43.4440, 73.9702, -16.0815

Details

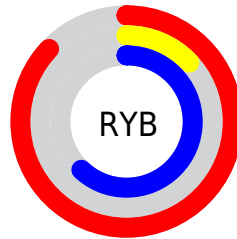
The Hex color **DD209E** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **20DD5F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF67D5**, and **A1006A** is the 20% darker color. If you saturate the color by 10%, you get **DD0A97**, and if you desaturate by 10%, it is **DD36A5**.

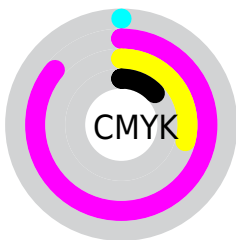
Distribution



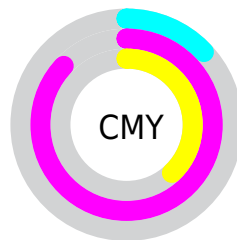
- Red (87%)
- Green (13%)
- Blue (62%)



- Red (87%)
- Yellow (13%)
- Blue (62%)



- Cyan (0%)
- Magenta (86%)
- Yellow (29%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD209E 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 DD209E by changing the saturation by 10% instead.

 DD209E

 DD209E

FFFFFF

 BF0084

 FF67D5

 A1006A

 FF86F1

 830052

 FFA3FF

 66003B

 FFC1FF

 4B0025

 FFDFFF

 2D000D

 FFFDFF

 000000

 DD209E

 DD209E

 DD0A97

 DD36A5

 DD0093

 DD4CAD

 DD62B4

 DD78BB

 DD8FC3

 DDA5CA

 DDBBD2

 DDD1D9

 DDE7E0

Harmonies

Analogous

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



A253DA



DD209E



EC0E5B

Triad

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



DD209E



748000



0093D7

Complementary

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



DD209E



20DD5F

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.



009599



DD209E



008D00

Square

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



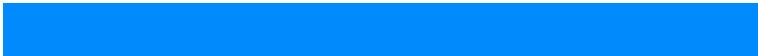
DD209E



AE6800



009352



008AFC

Rectangle

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



DD209E



E2342F



009352



0094C4

Sweetspot

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



DD209E



FFBDE9



5F20DD



805872



000000



808080

Same Dimension

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



DD209E



FF00AA



DD2040



6E636A



AD0074



2E001F

Inverse Universe

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



DD209E



FF00AA



20DDBD



6E636A



AD0074



2E001F

Previews

White Background



This preview shows how the Hex color DD209E looks on a white background.

Color Contrast Check

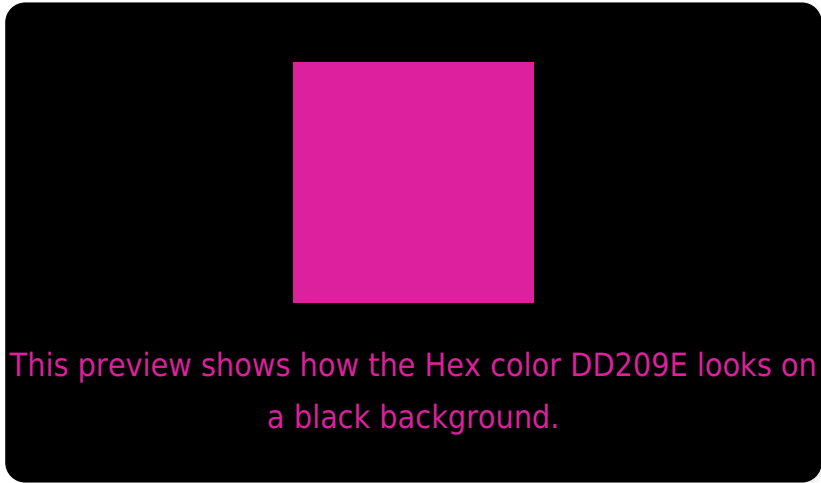
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD209E Background



This preview shows how black text looks on a background with the Hex color DD209E.



This preview shows how white text looks on a background with the Hex color DD209E.

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
D74447

Trichromacy



Original Color
DD209E



Protanomaly
7E57C5



Deuteranomaly
9C5798

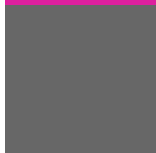


Tritanomaly
D93767

Monochromacy



Original Color
DD209E



Achromatopsia
676767



Achromatomaly
924D7B

CSS Examples

Text

The CSS property to change the color of the text to Hex DD209E 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 #DD209E looks like.

```
.text, #text, p{  
    color:#DD209E  
}
```

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 #DD209E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD209E
}
```

Border

The CSS property to change the border of an element to Hex DD209E 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
#DD209E }
```

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

```
.border{ border-color:#DD209E }
```

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

Here you see how a box with a 4 pixel #DD209E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD209E; -webkit-box-shadow:4px 4px  
4px 4px #DD209E; box-shadow:4px 4px 4px  
4px #DD209E }
```

Background

The CSS property to change the background color of an element to Hex DD209E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD209E }
```

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

```
.background{ background-color:#DD209E }
```

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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