

Converting Colors

Hex(D90FB0)

Have a look what the booklet for
Hex(D90FB0) contains.

Hex(D90FB0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D90FB0)

Conversions

Conversions Part 1

Format	Color
Hex	D90FB0
RGB	217, 15, 176
RGB Percent	85%, 6%, 69%
CMY	0.1490, 0.9412, 0.3098
CMYK	0.00, 0.93, 0.19, 0.15
HSL	312°, 87%, 45%
HSV	312°, 93%, 85%
XYZ	36.6226, 18.2280, 42.6624
YIQ	93.7520, 68.7110, 92.8950

Conversions

Conversions Part 2

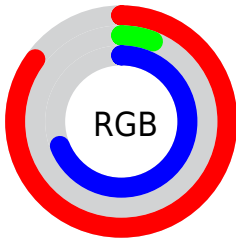
Format	Color
R_{YB}	217, 15, 176
Decimal	14225328
CIE _{Lab}	49.77, 80.34, -32.95
CIE _{LCh}	50, 86.834, 337.699
Yxy	18.2280, 0.3756, 0.1869
Android (android.graphics.Color)	4292415408 (0xFFD90FB0)
YUV	93.7520, 40.5483, 108.0885
Hunter-Lab	42.6942, 78.4003, -29.3599

Details

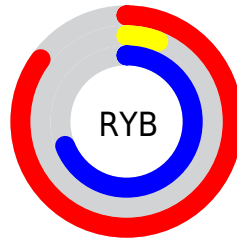
The Hex color **D90FB0** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **0FD938**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF61E8**, and **9D007B** is the 20% darker color. If you saturate the color by 10%, you get **D900AD**, and if you desaturate by 10%, it is **D925B4**.

Distribution



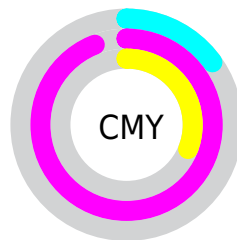
- Red (85%)
- Green (6%)
- Blue (69%)



- Red (85%)
- Yellow (6%)
- Blue (69%)



- Cyan (0%)
- Magenta (93%)
- Yellow (19%)
- Black (15%)



- Cyan (15%)
- Magenta (94%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color D90FB0 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 D90FB0 by changing the saturation by 10% instead.

 D90FB0

 D90FB0

FFFFFF

 BB0095

 FF61E8

 9D007B

 FF80FF

 800062

 FF9EFF

 630049

 FFBCFF

 480033

 FFDAFF

 2A001C

 FFF9FF

 000000

 D90FB0

 D90FB0

 D900AD

 D925B4

 D93AB9

 D950BD

 D966C2

 D97CC6

 D991CA

 D9A7CF

 D9BDD3

 D9D2D8

Harmonies

Analogous

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



8957ED



D90FB0



F20067

Triad

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



D90FB0



807A00



0094D0

Complementary

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



D90FB0



0FD938

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.



009488



D90FB0



218A00

Square

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



D90FB0



BB5D00



009139



008DFF

Rectangle

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



D90FB0



ED0037



009139



0094BA

Sweetspot

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



D90FB0



FFB8F1



370FD9



805477



000000



808080

Same Dimension

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



D90FB0



FF00CB



D90F4C



6E636B



AD008A



2E0025

Inverse Universe

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



D90FB0



FF00CB



0FD99C



6E636B



AD008A



2E0025

Previews

White Background



This preview shows how the Hex color D90FB0 looks on a white background.

Color Contrast Check

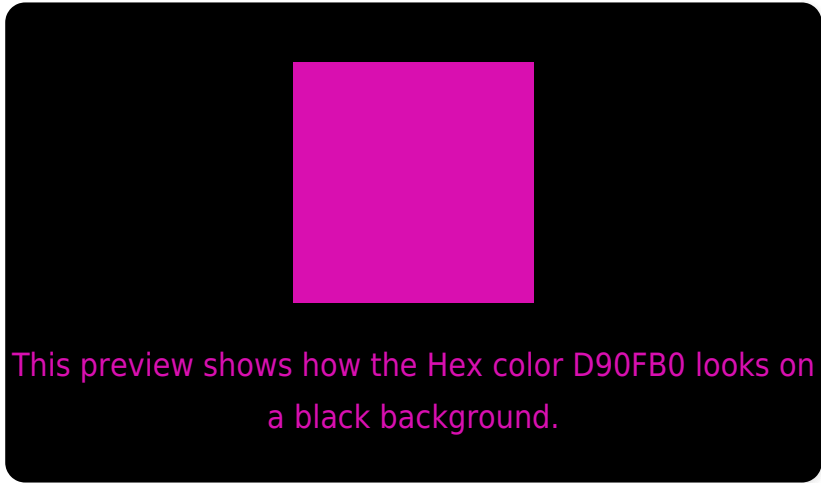
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

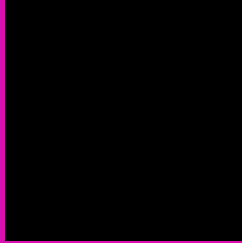
Any Text WCAG AA ✓ Pass

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 D90FB0 Background



This preview shows how black text looks on a background with the Hex color D90FB0.

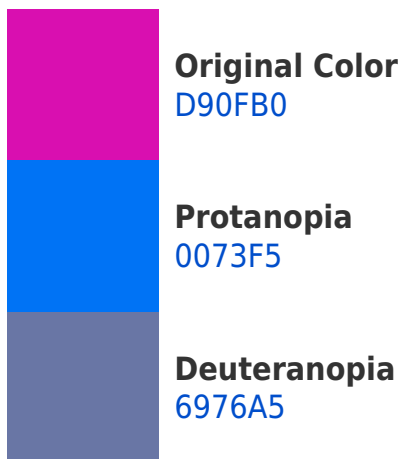



This preview shows how white text looks on a background with the Hex color D90FB0.

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
D0464A

Trichromacy



Original Color
D90FB0



Protanomaly
4F4FDC



Deuteranomaly
9251A9



Tritanomaly
D3326F

Monochromacy



Original Color
D90FB0



Achromatopsia
5E5E5E



Achromatomaly
8B417C

CSS Examples

Text

The CSS property to change the color of the text to Hex D90FB0 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 #D90FB0 looks like.

```
.text, #text, p{  
    color:#D90FB0  
}
```

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 #D90FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D90FB0
}
```

Border

The CSS property to change the border of an element to Hex D90FB0 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
#D90FB0 }
```

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

```
.border{ border-color:#D90FB0 }
```

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

Here you see how a box with a 4 pixel #D90FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D90FB0; -webkit-box-shadow:4px 4px  
4px 4px #D90FB0; box-shadow:4px 4px 4px  
4px #D90FB0 }
```

Background

The CSS property to change the background color of an element to Hex D90FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D90FB0 }
```

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

```
.background{ background-color:#D90FB0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor