

Converting Colors

Hex(D90FFD)

Have a look what the booklet for
Hex(D90FFD) contains.

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Color

Hex(D90FFD)

Conversions

Conversions Part 1

Format	Color
Hex	D90FFD
RGB	217, 15, 253
RGB Percent	85%, 6%, 99%
CMY	0.1490, 0.9412, 0.0078
CMYK	0.14, 0.94, 0.00, 0.01
HSL	291°, 98%, 53%
HSV	291°, 94%, 99%
XYZ	46.5157, 22.1852, 94.7590
YIQ	102.5300, 43.9940, 116.8420

Conversions

Conversions Part 2

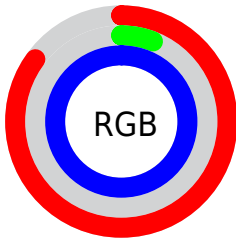
Format	Color
R_{YB}	217, 15, 253
Decimal	14225405
CIE _{Lab}	54.22, 91.34, -69.87
CIE _{LCh}	54, 115.002, 322.584
Yxy	22.1852, 0.2846, 0.1357
Android (android.graphics.Color)	4292415485 (0xFFD90FFD)
YUV	102.5300, 74.1817, 100.3902
Hunter-Lab	47.1012, 93.8542, -86.3099

Details

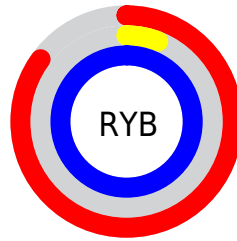
The Hex color **D90FFD** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **33FD0F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF65FF**, and **9C00C3** is the 20% darker color. If you saturate the color by 10%, you get **D700FD**, and if you desaturate by 10%, it is **DD28FD**.

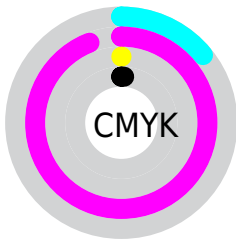
Distribution



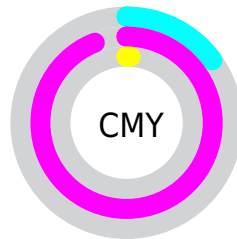
- Red (85%)
- Green (6%)
- Blue (99%)



- Red (85%)
- Yellow (6%)
- Blue (99%)



- Cyan (14%)
- Magenta (94%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (94%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color D90FFD 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 D90FFD by changing the saturation by 10% instead.

 D90FFD

 D90FFD

FFFFFF

 BB00E0

 FF65FF

 9C00C3

 FF85FF

 7E00A7

 FFA4FF

 60008C

 FFC2FF

 420072

 FFE1FF

 220058

 00003F

 000328

 000112

 D90FFD

 D90FFD

 D700FD

 DD28FD

 E142FD

 E45BFD

 E874FD

 EC8DFD

 F0A7FD

 F4C0FD

 F8D9FD

 FBF3FD

Harmonies

Analogous

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



0074FF



D90FFD



FF009F

Triad

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



D90FFD



B27600



00A7CC

Complementary

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



D90FFD



33FD0F

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.



00A465



D90FFD



529200

Square

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



D90FFD



F73500



009F00



00A5FF

Rectangle

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



D90FFD



FF005E



009F00



00A6AB

Sweetspot

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



D90FFD



F4B8FF



0F37FD



795480



000000



808080

Same Dimension

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



D90FFD



D800FF



FD0FAE



7E7380



A200BF



360040

Inverse Universe

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



FD0F33



FF0027



0FFD5E



807375



BF001D



40000A

Previews

White Background



This preview shows how the Hex color D90FFD looks on a white background.

Color Contrast Check

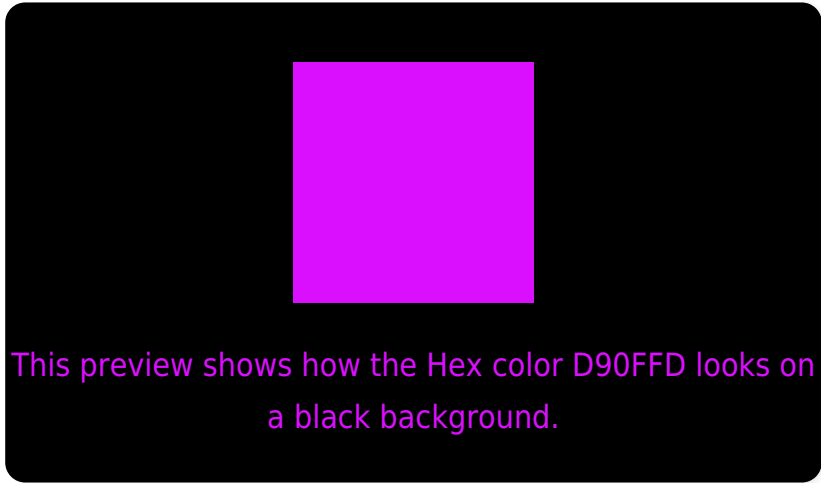
Large Text (above 18pt) WCAG AA ✓ Pass

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

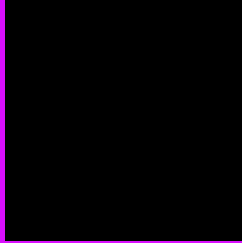
Any Text WCAG AA ✓ Pass

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 D90FFD Background



This preview shows how black text looks on a background with the Hex color D90FFD.



This preview shows how white text looks on a background with the Hex color D90FFD.

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



Original Color
D90FFD

Protanopia
2F7EFF

Deuteranopia
0085EB



Tritanopia
C6646B

Trichromacy



Original Color
D90FFD



Protanomaly
6D56FE



Deuteranomaly
4F5AF2



Tritanomaly
CD45A0

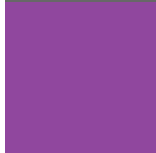
Monochromacy



Original Color
D90FFD



Achromatopsia
676767



Achromatomaly
90479E

CSS Examples

Text

The CSS property to change the color of the text to Hex D90FFD 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 #D90FFD looks like.

```
.text, #text, p{  
    color:#D90FFD  
}
```

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 #D90FFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D90FFD
}
```

Border

The CSS property to change the border of an element to Hex D90FFD 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
#D90FFD }
```

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

```
.border{ border-color:#D90FFD }
```

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

Here you see how a box with a 4 pixel #D90FFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D90FFD; -webkit-box-shadow:4px 4px  
4px 4px #D90FFD; box-shadow:4px 4px 4px  
4px #D90FFD }
```

Background

The CSS property to change the background color of an element to Hex D90FFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D90FFD }
```

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

```
.background{ background-color:#D90FFD }
```

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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