

Converting Colors

Hex(D90AF2)

Have a look what the booklet for
Hex(D90AF2) contains.

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Color

Hex(D90AF2)

Conversions

Conversions Part 1

Format	Color
Hex	D90AF2
RGB	217, 10, 242
RGB Percent	85%, 4%, 95%
CMY	0.1490, 0.9608, 0.0510
CMYK	0.10, 0.96, 0.00, 0.05
HSL	294°, 92%, 49%
HSV	294°, 96%, 95%
XYZ	44.7508, 21.3796, 85.7724
YIQ	98.3410, 48.9000, 116.0360

Conversions

Conversions Part 2

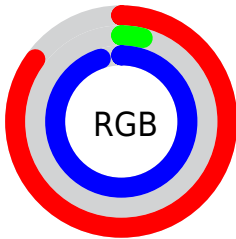
Format	Color
R _Y B	217, 10, 242
Decimal	14224114
CIE Lab	53.36, 90.00, -65.12
CIE LCh	53, 111.089, 324.112
Yxy	21.3796, 0.2946, 0.1407
Android (android.graphics.Color)	4292414194 (0xFFD90AF2)
YUV	98.3410, 70.8239, 104.0639
Hunter-Lab	46.2381, 91.8419, -77.6173

Details

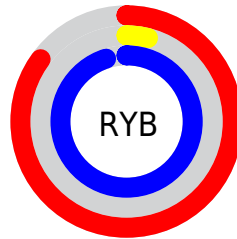
The Hex color **D90AF2** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light saturated magenta. A complement of this color would be **23F20A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF64FF**, and **9D00B9** is the 20% darker color. If you saturate the color by 10%, you get **D800F2**, and if you desaturate by 10%, it is **DC22F2**.

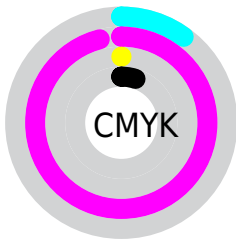
Distribution



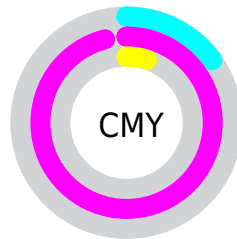
- Red (85%)
- Green (4%)
- Blue (95%)



- Red (85%)
- Yellow (4%)
- Blue (95%)



- Cyan (10%)
- Magenta (96%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (96%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color D90AF2 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 D90AF2 by changing the saturation by 10% instead.

 D90AF2

 D90AF2

FFFFFF

 BB00D5

 FF64FF

 9D00B9

 FF83FF

 7F009D

 FFA2FF

 610082

 FFC0FF

 440068

 FFDFFF

 25004F

 FFFDFF

 000037

 000220

 000005

 D90AF2

 D90AF2

 D800F2

 DC22F2

 DE3AF2

 E153F2

 E36BF2

 E683F2

 E99BF2

 EBB3F2

 EECCF2

 FOE4F2

Harmonies

Analogous

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



0070FF



D90AF2



FF0097

Triad

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



D90AF2



AB7600



00A4CC

Complementary

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



D90AF2



23F20A

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.



00A269



D90AF2



4C9000

Square

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



D90AF2



EF3C00



009C00



00A1FF

Rectangle

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



D90AF2



FF0059



009C00



00A3AC

Sweetspot

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



D90AF2



F7B5FF



0A25F2



7B5380



000000



808080

Same Dimension

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



D90AF2



E400FF



F20A99



776C78



A400B8



320038

Inverse Universe

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



F20A23



FF001B



0AF263



786C6D



B80014



380006

Previews

White Background



This preview shows how the Hex color D90AF2 looks on a white background.

Color Contrast Check

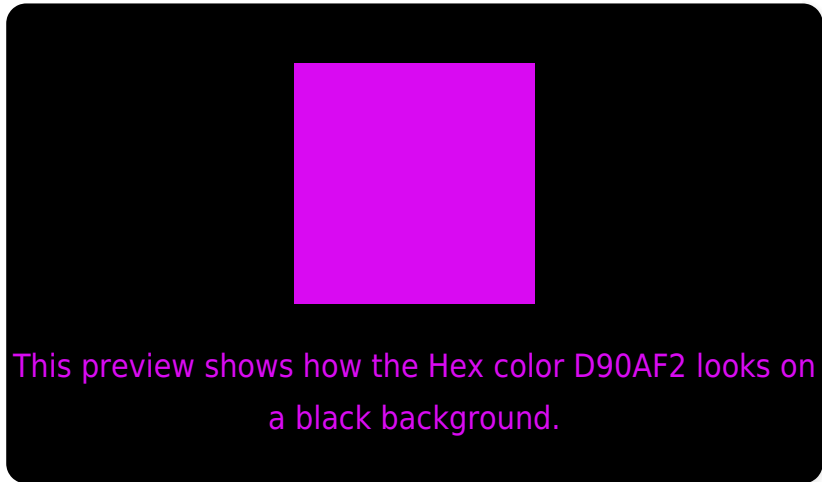
Large Text (above 18pt) WCAG AA ✓ Pass

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 D90AF2 Background



This preview shows how black text looks on a background with the Hex color D90AF2.

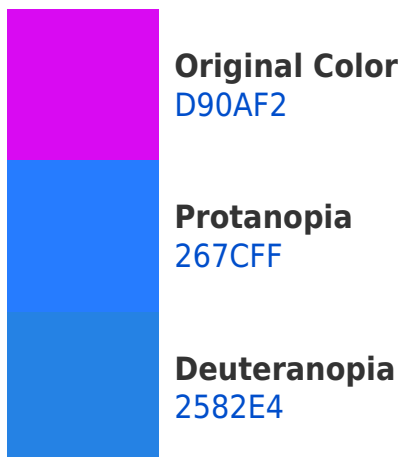


This preview shows how white text looks on a background with the Hex color D90AF2.

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
C85F66

Trichromacy



Original Color
D90AF2



Protanomaly
6753FA



Deuteranomaly
6656E9



Tritanomaly
CE4099

Monochromacy



Original Color
D90AF2



Achromatopsia
626262



Achromatomaly
8D4296

CSS Examples

Text

The CSS property to change the color of the text to Hex D90AF2 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 #D90AF2 looks like.

```
.text, #text, p{  
    color:#D90AF2  
}
```

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 #D90AF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D90AF2
}
```

Border

The CSS property to change the border of an element to Hex D90AF2 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".

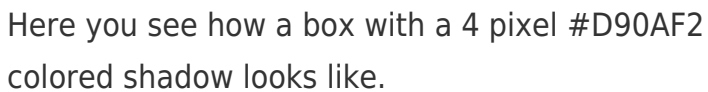
```
.border, #border, table{ border:4px solid
#D90AF2 }
```

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

```
.border{ border-color:#D90AF2 }
```

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

Here you see how a box with a 4 pixel #D90AF2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D90AF2; -webkit-box-shadow:4px 4px  
4px 4px #D90AF2; box-shadow:4px 4px 4px  
4px #D90AF2 }
```

Background

The CSS property to change the background color of an element to Hex D90AF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D90AF2 }
```

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

```
.background{ background-color:#D90AF2 }
```

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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