

Converting Colors

Hex(D44A91)

Have a look what the booklet for
Hex(D44A91) contains.

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Color

Hex(D44A91)

Conversions

Conversions Part 1

Format	Color
Hex	D44A91
RGB	212, 74, 145
RGB Percent	83%, 29%, 57%
CMY	0.1686, 0.7098, 0.4314
CMYK	0.00, 0.65, 0.32, 0.17
HSL	329°, 62%, 56%
HSV	329°, 65%, 83%
XYZ	34.7110, 20.9389, 29.0002
YIQ	123.3560, 59.4570, 51.3370

Conversions

Conversions Part 2

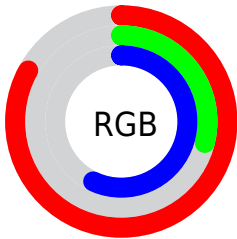
Format	Color
R_{YB}	212, 74, 145
Decimal	13912721
CIE _{Lab}	52.88, 60.49, -9.92
CIE _{LCh}	53, 61.293, 350.689
Yxy	20.9389, 0.4101, 0.2474
Android (android.graphics.Color)	4292102801 (0xFFD44A91)
YUV	123.3560, 10.6705, 77.7408
Hunter-Lab	45.7591, 55.3245, -5.5442

Details

The Hex color **D44A91** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4AD48D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF83C7**, and **99005F** is the 20% darker color. If you saturate the color by 10%, you get **D43587**, and if you desaturate by 10%, it is **D45F9B**.

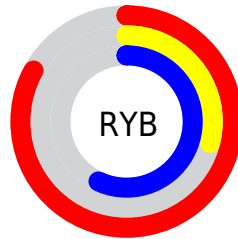
Distribution



Red (83%)

Green (29%)

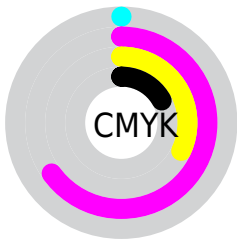
Blue (57%)



Red (83%)

Yellow (29%)

Blue (57%)

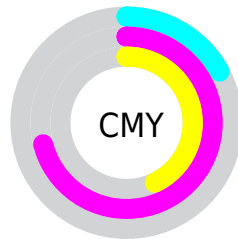


Cyan (0%)

Magenta (65%)

Yellow (32%)

Black (17%)



Cyan (17%)

Magenta (71%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color D44A91 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 D44A91 by changing the saturation by 10% instead.

 D44A91

 D44A91

FFFFFF

 B62B77

 FF83C7

 99005F

 FF9FE3

 7D0047

 FFBBFF

 600031

 FFD8FF

 45001C

 FFF6FF

 2A0001

 000000

 D44A91

 D44A91

 D43587

 D45F9B

 D4207C

 D474A6

 D40A72

 D48AB0

 D4006D

 D49FBA

 D4B4C4

 D4C9CF

 D4DED9

 D4F4E3

 D4FFEE

Harmonies

Analogous

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



AD5FC2



D44A91



DB4B5C

Triad

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



D44A91



758700



0093CF

Complementary

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



D44A91



4AD48D

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.



0096A2



D44A91



2D9136

Square

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



D44A91



A57600



00956B



0089E7

Rectangle

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



D44A91



D2583C



00956B



0095C2

Sweetspot

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



D44A91



FFCCE6



8D4AD4



806171



000000



808080

Same Dimension

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



D44A91



FF389E



D44A4C



6B6066



AB0058



2B0016

Inverse Universe

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



D44A91



FF389E



4AD4D2



6B6066



AB0058



2B0016

Previews

White Background



This preview shows how the Hex color D44A91 looks on a white background.

Color Contrast Check

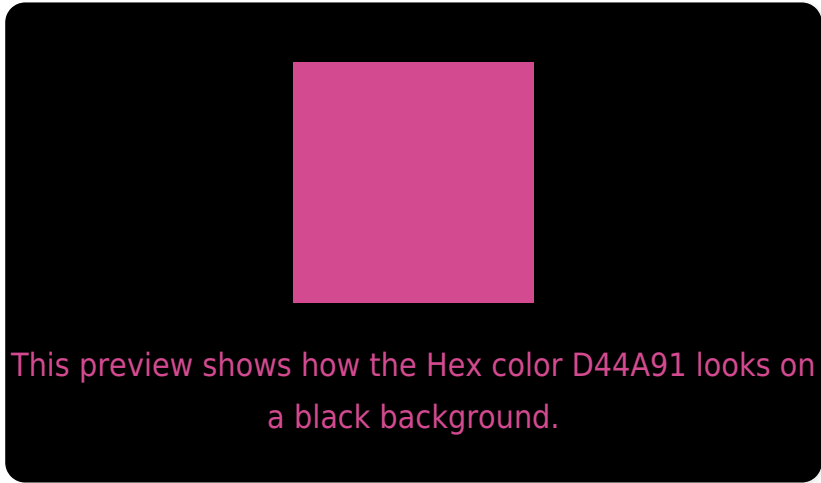
Large Text (above 18pt) WCAG AA ✓ Pass

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 D44A91 Background



This preview shows how black text looks on a background with the Hex color D44A91.



This preview shows how white text looks on a background with the Hex color D44A91.

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
D44A91

Protanopia
6E7DB4

Deuteranopia
867B8A



Tritanopia
D0575C

Trichromacy



Original Color
D44A91



Protanomaly
936AA7



Deuteranomaly
A2698D



Tritanomaly
D1526F

Monochromacy



Original Color
D44A91



Achromatopsia
7B7B7B



Achromatomaly
9B6983

CSS Examples

Text

The CSS property to change the color of the text to Hex D44A91 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 #D44A91 looks like.

```
.text, #text, p{  
    color:#D44A91  
}
```

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 #D44A91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D44A91
}
```

Border

The CSS property to change the border of an element to Hex D44A91 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
#D44A91 }
```

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

```
.border{ border-color:#D44A91 }
```

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

Here you see how a box with a 4 pixel #D44A91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D44A91; -webkit-box-shadow:4px 4px  
4px 4px #D44A91; box-shadow:4px 4px 4px  
4px #D44A91 }
```

Background

The CSS property to change the background color of an element to Hex D44A91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D44A91 }
```

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

```
.background{ background-color:#D44A91 }
```

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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