

Converting Colors

Hex(D12E97)

Have a look what the booklet for
Hex(D12E97) contains.

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Color

Hex(D12E97)

Conversions

Conversions Part 1

Format	Color
Hex	D12E97
RGB	209, 46, 151
RGB Percent	82%, 18%, 59%
CMY	0.1804, 0.8196, 0.4078
CMYK	0.00, 0.78, 0.28, 0.18
HSL	321°, 64%, 50%
HSV	321°, 78%, 82%
XYZ	32.8574, 17.7437, 30.9712
YIQ	106.7070, 63.4430, 67.2110

Conversions

Conversions Part 2

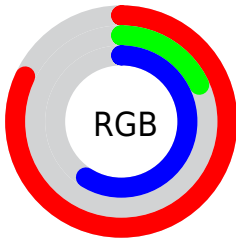
Format	Color
R_{YB}	209, 46, 151
Decimal	13708951
CIE _{Lab}	49.18, 69.95, -19.15
CIE _{LCh}	49, 72.523, 344.693
Yxy	17.7437, 0.4028, 0.2175
Android (android.graphics.Color)	4291899031 (0xFFD12E97)
YUV	106.7070, 21.8364, 89.7110
Hunter-Lab	42.1232, 65.5198, -14.1069

Details

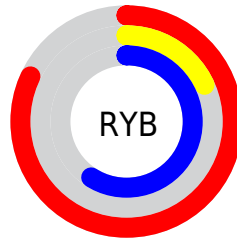
The Hex color **D12E97** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **2ED168**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6DCD**, and **960064** is the 20% darker color. If you saturate the color by 10%, you get **D11990**, and if you desaturate by 10%, it is **D1439E**.

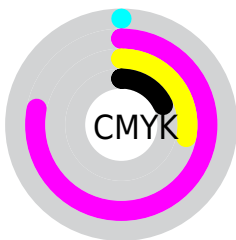
Distribution



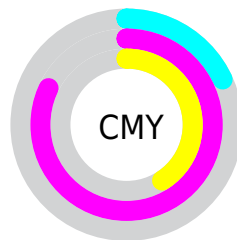
- Red (82%)
- Green (18%)
- Blue (59%)



- Red (82%)
- Yellow (18%)
- Blue (59%)



- Cyan (0%)
- Magenta (78%)
- Yellow (28%)
- Black (18%)



- Cyan (18%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color D12E97 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 D12E97 by changing the saturation by 10% instead.

 D12E97

 D12E97

FFFFFF

 B3007D

 FF6DCD

 960064

 FF8AEA

 79004C

 FFA7FF

 5C0035

 FFC5FF

 420020

 FFE2FF

 250002

 000000

 D12E97

 D12E97

 D11990

 D1439E

 D10488

 D158A6

 D10087

 D16DAD

 D182B5

 D197BC

 D1ABC4

 D1C0CB

 D1D5D2

 D1EADA

Harmonies

Analogous

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



9B54CD



D12E97



DF255A

Triad

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



D12E97



727C00



008ECB

Complementary

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



D12E97



2ED168

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.



008F92



D12E97



1C8804

Square

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



D12E97



A76600



008D52



0085ED

Rectangle

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



D12E97



D73B32



008D52



008FBA

Sweetspot

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



D12E97



FFC4EA



672ED1



805C73



000000



808080

Same Dimension

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



D12E97



FF0FAA



D12E46



695E65



A8006C



29001A

Inverse Universe

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



D12E97



FF0FAA



2ED1B9



695E65



A8006C



29001A

Previews

White Background



This preview shows how the Hex color D12E97 looks on a white background.

Color Contrast Check

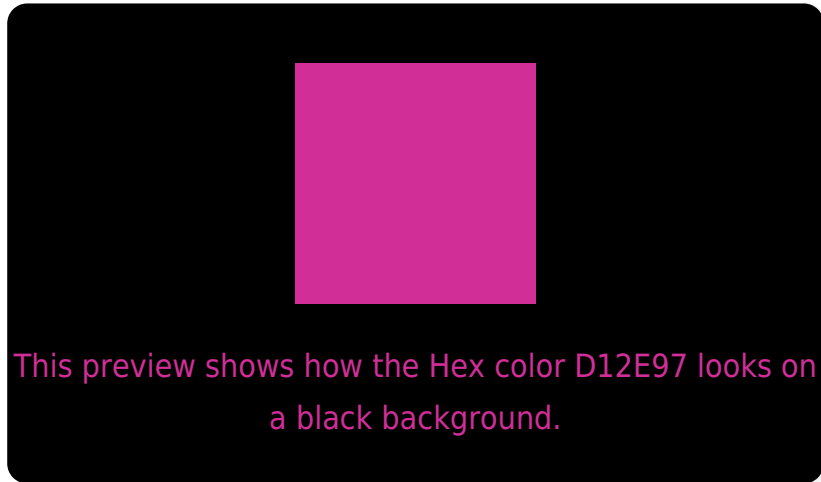
Large Text (above 18pt) WCAG AA ✓ Pass

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 D12E97 Background



This preview shows how black text looks on a background with the Hex color D12E97.

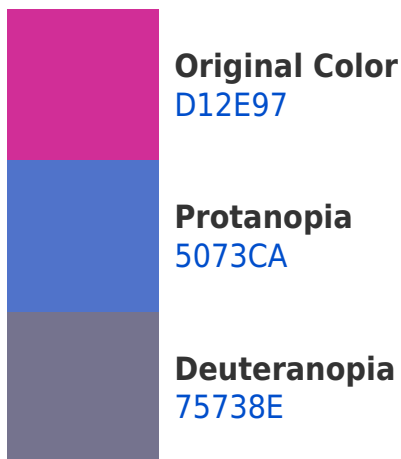


This preview shows how white text looks on a background with the Hex color D12E97.

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
CB474B

Trichromacy



Original Color
D12E97



Protanomaly
7F5AB7



Deuteranomaly
965A91



Tritanomaly
CD3E67

Monochromacy



Original Color
D12E97



Achromatopsia
6B6B6B



Achromatomaly
90557B

CSS Examples

Text

The CSS property to change the color of the text to Hex D12E97 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 #D12E97 looks like.

```
.text, #text, p{  
    color:#D12E97  
}
```

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 #D12E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D12E97
}
```

Border

The CSS property to change the border of an element to Hex D12E97 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
#D12E97 }
```

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

```
.border{ border-color:#D12E97 }
```

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

Here you see how a box with a 4 pixel #D12E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D12E97; -webkit-box-shadow:4px 4px  
4px 4px #D12E97; box-shadow:4px 4px 4px  
4px #D12E97 }
```

Background

The CSS property to change the background color of an element to Hex D12E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D12E97 }
```

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

```
.background{ background-color:#D12E97 }
```

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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