

Converting Colors

Hex(C12C83)

Have a look what the booklet for
Hex(C12C83) contains.

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Color

Hex(C12C83)

Conversions

Conversions Part 1

Format	Color
Hex	C12C83
RGB	193, 44, 131
RGB Percent	76%, 17%, 51%
CMY	0.2431, 0.8275, 0.4863
CMYK	0.00, 0.77, 0.32, 0.24
HSL	325°, 63%, 46%
HSV	325°, 77%, 76%
XYZ	26.9897, 14.7775, 22.9026
YIQ	98.4690, 60.8770, 58.6450

Conversions

Conversions Part 2

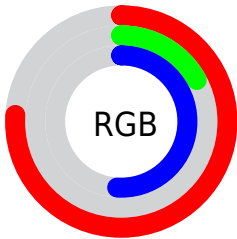
Format	Color
RYB	193, 44, 131
Decimal	12659843
CIELab	45.33, 64.30, -13.20
CIElCh	45, 65.640, 348.394
Yxy	14.7775, 0.4173, 0.2285
Android (android.graphics.Color)	4290849923 (0xFFC12C83)
YUV	98.4690, 16.0378, 82.9037
Hunter-Lab	38.4415, 58.0519, -8.4145

Details

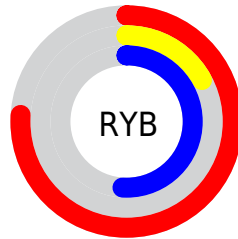
The Hex color **C12C83** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **2CC16A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FD69B8**, and **870052** is the 20% darker color. If you saturate the color by 10%, you get **C1197B**, and if you desaturate by 10%, it is **C13F8B**.

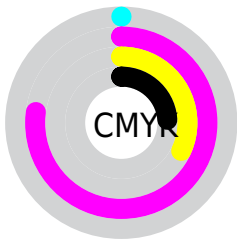
Distribution



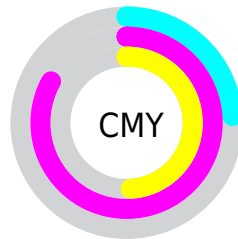
- Red (76%)
- Green (17%)
- Blue (51%)



- Red (76%)
- Yellow (17%)
- Blue (51%)



- Cyan (0%)
- Magenta (77%)
- Yellow (32%)
- Black (24%)



- Cyan (24%)
- Magenta (83%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color C12C83 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 C12C83 by changing the saturation by 10% instead.

 C12C83

 C12C83

FFFFFF

 A4006A

 FD69B8

 870052

 FF85D4

 6A003B

 FFA2F0

 4E0025

 FFBFFF

 34000E

 FFD0FF

 030000

 FFFAFF

 000000

 C12C83

 C12C83

 C1197B

 C13F8B

 C10573

 C15393

 C10071

 C1669B

 C179A3

 C18DAB

 C1A0B3

 C1B3BB

 C1C6C3

 C1DACB

Harmonies

Analogous

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



964AB5



C12C83



CA2B4C

Triad

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



C12C83



637300



0081BD

Complementary

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



C12C83



2CC16A

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.



00838C



C12C83



087D17

Square

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



C12C83



946100



008253



0078D8

Rectangle

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



C12C83



C13D29



008253



0082AF

Sweetspot

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



C12C83



FAC0E2



682CC1



7D5A6E



FCFCFC



7D7D7D

Same Dimension

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



C12C83



FA1199



C12C3B



61575D



A1005E



210013

Inverse Universe

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



C12C83



FA1199



2CC1B2



61575D



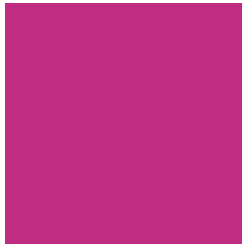
A1005E



210013

Previews

White Background



This preview shows how the Hex color C12C83 looks on a white background.

Color Contrast Check

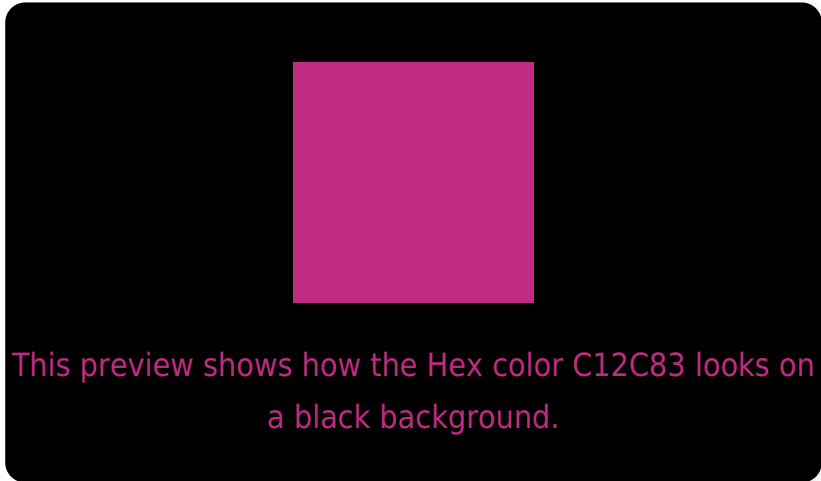
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C12C83 Background



This preview shows how black text looks on a background with the Hex color C12C83.

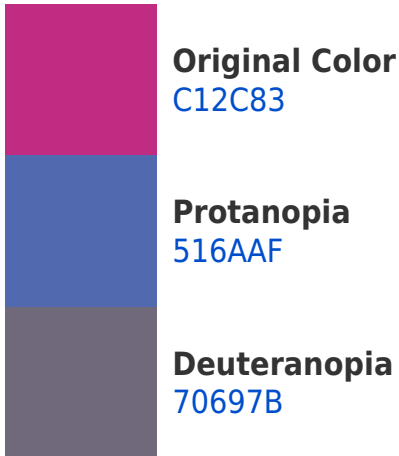


This preview shows how white text looks on a background with the Hex color C12C83.

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



Trichromacy



Original Color
C12C83



Protanomaly
7A539F



Deuteranomaly
8D537E

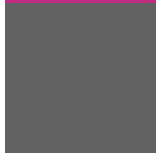


Tritanomaly
BE395A

Monochromacy



Original Color
C12C83



Achromatopsia
626262



Achromatomaly
854E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex C12C83 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 #C12C83 looks like.

```
.text, #text, p{  
    color:#C12C83  
}
```

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 #C12C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12C83
}
```

Border

The CSS property to change the border of an element to Hex C12C83 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
#C12C83 }
```

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

```
.border{ border-color:#C12C83 }
```

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

Here you see how a box with a 4 pixel #C12C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12C83; -webkit-box-shadow:4px 4px  
4px 4px #C12C83; box-shadow:4px 4px 4px  
4px #C12C83 }
```

Background

The CSS property to change the background color of an element to Hex C12C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12C83 }
```

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

```
.background{ background-color:#C12C83 }
```

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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