

Converting Colors

Hex(C12847)

Have a look what the booklet for
Hex(C12847) contains.

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Color

Hex(C12847)

Conversions

Conversions Part 1

Format	Color
Hex	C12847
RGB	193, 40, 71
RGB Percent	76%, 16%, 28%
CMY	0.2431, 0.8431, 0.7216
CMYK	0.00, 0.79, 0.63, 0.24
HSL	348°, 66%, 46%
HSV	348°, 79%, 76%
XYZ	23.8884, 13.3100, 7.2713
YIQ	89.2810, 81.2370, 42.0770

Conversions

Conversions Part 2

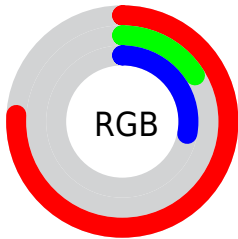
Format	Color
R_{YB}	193, 40, 71
Decimal	12658759
CIE Lab	43.23, 60.25, 20.97
CIE LCh	43, 63.798, 19.192
Yxy	13.3100, 0.5372, 0.2993
Android (android.graphics.Color)	4290848839 (0xFFC12847)
YUV	89.2810, -9.0125, 90.9616
Hunter-Lab	36.4828, 53.0343, 13.7211

Details

The Hex color **C12847** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **28C1A2**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6477**, and **84001C** is the 20% darker color. If you saturate the color by 10%, you get **C11538**, and if you desaturate by 10%, it is **C13B56**.

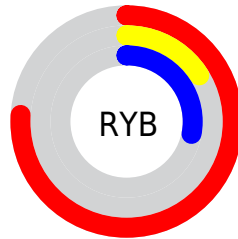
Distribution



Red (76%)

Green (16%)

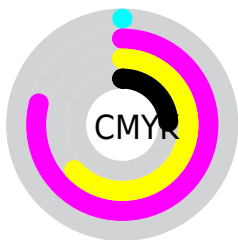
Blue (28%)



Red (76%)

Yellow (16%)

Blue (28%)

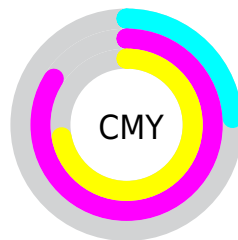


Cyan (0%)

Magenta (79%)

Yellow (63%)

Black (24%)



Cyan (24%)

Magenta (84%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C12847 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 C12847 by changing the saturation by 10% instead.

 C12847

 C12847

FFFFFF

 A20031

 FF6477

 84001C

 FF8191

 660003

 FF9DAB

 490002

 FFBAC6

 2B0001

 FFD7E2

 000000

 FFF4FF

 C12847

 C12847

 C11538

 C13B56

 C10128

 C14F66

 C10027

 C16275

 C17585

 C18994

 C19CA3

 C1AFB3

 C1C2C2

 C1D6D2

Harmonies

Analogous

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



B9287C



C12847



AF4413

Triad

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



C12847



007717



0072CF

Complementary

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



C12847



28C1A2

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.



007BB6



C12847



007C51

Square

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



C12847



5C6E00



007D88



2B61CB

Rectangle

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



C12847



995500



007D88



0076C9

Sweetspot

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



C12847



FABECA



A028C1



7D5960



FCFCFC



7D7D7D

Same Dimension

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



C12847



FA0C3D



C15328



615759



A10021



210007

Inverse Universe

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



C12847



FA0C3D



2896C1



615759



A10021



210007

Previews

White Background



This preview shows how the Hex color C12847 looks on a white background.

Color Contrast Check

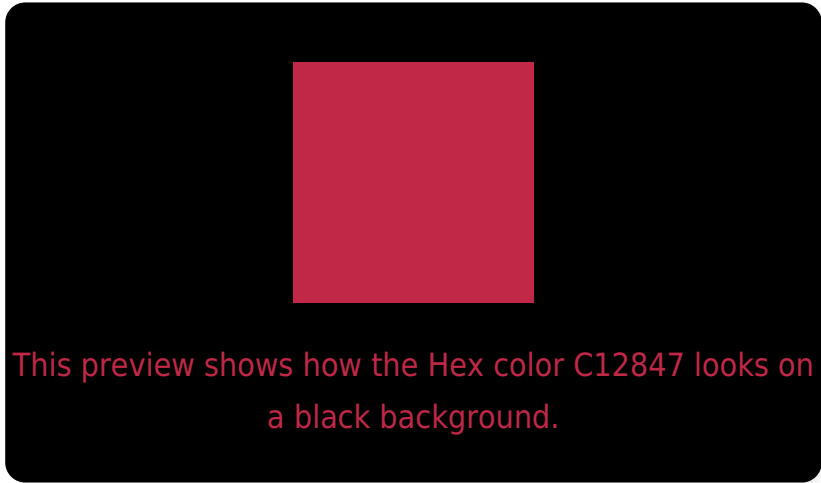
Large Text (above 18pt) WCAG AA ✓ Pass

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 C12847 Background



This preview shows how black text looks on a background with the Hex color C12847.

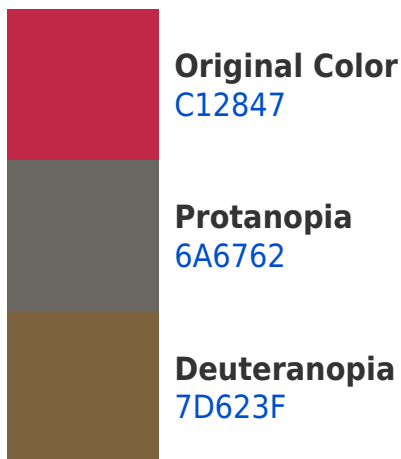


This preview shows how white text looks on a background with the Hex color C12847.

Color Blindness Simulation

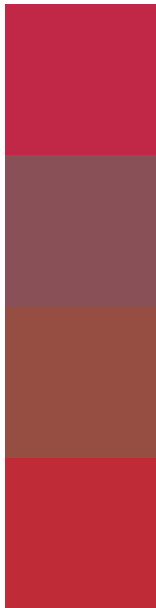
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
C12847

Protanomaly
8A5058

Deuteranomaly
964D42

Tritanomaly
C02B38

Monochromacy



Original Color
C12847

Achromatopsia
595959

Achromatomaly
7F4752

CSS Examples

Text

The CSS property to change the color of the text to Hex C12847 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 #C12847 looks like.

```
.text, #text, p{  
    color:#C12847  
}
```

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 #C12847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12847
}
```

Border

The CSS property to change the border of an element to Hex C12847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

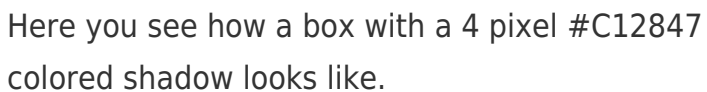
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C12847 }
```

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

```
.border{ border-color:#C12847 }
```

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



Here you see how a box with a 4 pixel `#C12847` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12847; -webkit-box-shadow:4px 4px  
4px 4px #C12847; box-shadow:4px 4px 4px  
4px #C12847 }
```

Background

The CSS property to change the background color of an element to Hex C12847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12847 }
```

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

```
.background{ background-color:#C12847 }
```

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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