

Converting Colors

Hex(C12749)

Have a look what the booklet for
Hex(C12749) contains.

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Color

Hex(C12749)

Conversions

Conversions Part 1

Format	Color
Hex	C12749
RGB	193, 39, 73
RGB Percent	76%, 15%, 29%
CMY	0.2431, 0.8471, 0.7137
CMYK	0.00, 0.80, 0.62, 0.24
HSL	347°, 66%, 45%
HSV	347°, 80%, 76%
XYZ	23.9204, 13.2695, 7.6039
YIQ	88.9220, 80.8700, 43.2220

Conversions

Conversions Part 2

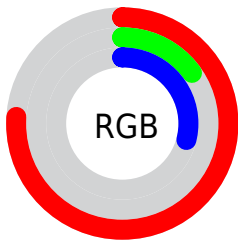
Format	Color
R_{YB}	193, 39, 73
Decimal	12658505
CIE Lab	43.17, 60.65, 19.65
CIE LCh	43, 63.755, 17.952
Yxy	13.2695, 0.5340, 0.2962
Android (android.graphics.Color)	4290848585 (0xFFC12749)
YUV	88.9220, -7.8495, 91.2764
Hunter-Lab	36.4274, 53.4661, 13.1230

Details

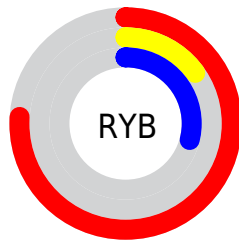
The Hex color **C12749** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **27C19F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6479**, and **84001E** is the 20% darker color. If you saturate the color by 10%, you get **C1143A**, and if you desaturate by 10%, it is **C13A58**.

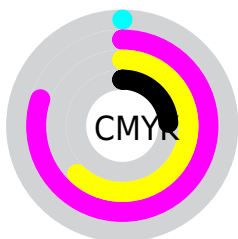
Distribution



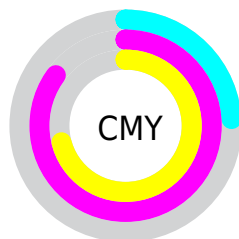
- Red (76%)
- Green (15%)
- Blue (29%)



- Red (76%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (80%)
- Yellow (62%)
- Black (24%)



- Cyan (24%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C12749 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 C12749 by changing the saturation by 10% instead.

 C12749

 C12749

FFFFFF

 A20033

 FF6479

 84001E

 FF8093

 660006

 FF9DAD

 490002

 FFB9C9

 2C0001

 FFD6E5

 000000

 FFF4FF

 C12749

 C12749

 C1143A

 C13A58

 C1002B

 C14E67

 C16176

 C17485

 C18894

 C19BA3

 C1AEB2

 C1C1C1

 C1D5D0

Harmonies

Analogous

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



B8297E



C12749



B04315

Triad

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



C12749



097713



0073CE

Complementary

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



C12749



27C19F

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.



007BB4



C12749



007C4E

Square

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



C12749



5E6D00



007D85



2061CC

Rectangle

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



C12749



9B5400



007D85



0076C8

Sweetspot

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



C12749



FABECB



9D27C1



7D5961



FCFCFC



7D7D7D

Same Dimension

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



C12749



FA0A3F



C15027



615759



A10023



210007

Inverse Universe

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



C12749



FA0A3F



2798C1



615759



A10023



210007

Previews

White Background



This preview shows how the Hex color C12749 looks on a white background.

Color Contrast Check

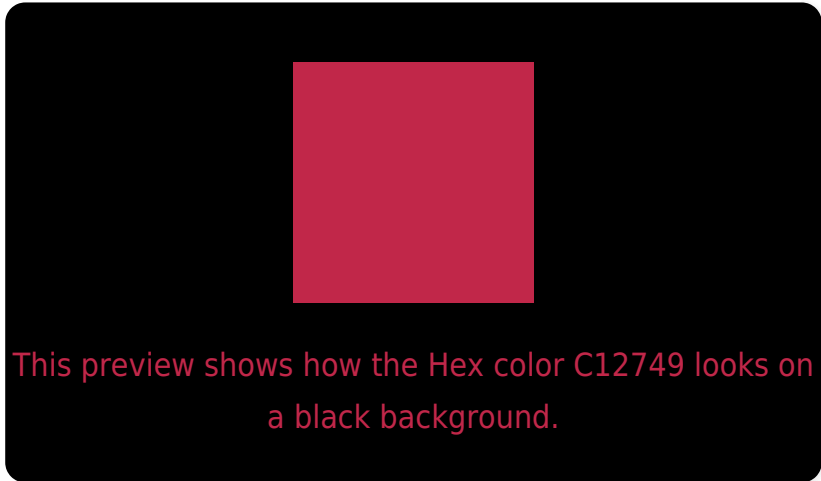
Large Text (above 18pt) WCAG AA ✓ Pass

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 C12749 Background



This preview shows how black text looks on a background with the Hex color C12749.

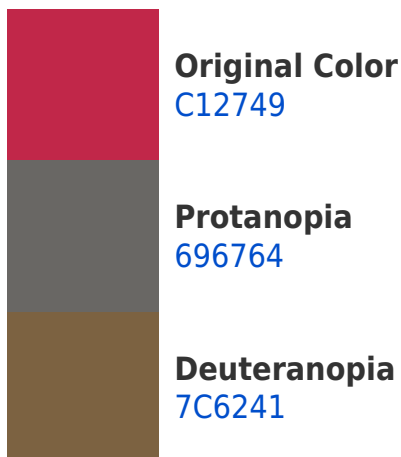


This preview shows how white text looks on a background with the Hex color C12749.

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
C12749

Protanomaly
89505A

Deuteranomaly
954D44

Tritanomaly
C02B38

Monochromacy



Original Color
C12749

Achromatopsia
595959

Achromatomaly
7F4753

CSS Examples

Text

The CSS property to change the color of the text to Hex C12749 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 #C12749 looks like.

```
.text, #text, p{  
    color:#C12749  
}
```

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 #C12749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12749
}
```

Border

The CSS property to change the border of an element to Hex C12749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

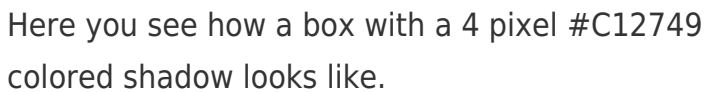
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C12749 }
```

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

```
.border{ border-color:#C12749 }
```

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



Here you see how a box with a 4 pixel `#C12749` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12749; -webkit-box-shadow:4px 4px  
4px 4px #C12749; box-shadow:4px 4px 4px  
4px #C12749 }
```

Background

The CSS property to change the background color of an element to Hex C12749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12749 }
```

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

```
.background{ background-color:#C12749 }
```

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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