

Converting Colors

Hex(C02749)

Have a look what the booklet for
Hex(C02749) contains.

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Color

Hex(C02749)

Conversions

Conversions Part 1

Format	Color
Hex	C02749
RGB	192, 39, 73
RGB Percent	75%, 15%, 29%
CMY	0.2471, 0.8471, 0.7137
CMYK	0.00, 0.80, 0.62, 0.25
HSL	347°, 66%, 45%
HSV	347°, 80%, 75%
XYZ	23.6663, 13.1385, 7.5920
YIQ	88.6230, 80.2740, 43.0100

Conversions

Conversions Part 2

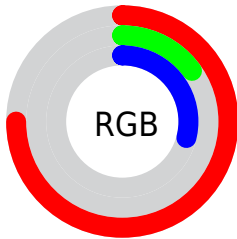
Format	Color
RYB	192, 39, 73
Decimal	12592969
CIELab	42.97, 60.37, 19.36
CIElCh	43, 63.399, 17.777
Yxy	13.1385, 0.5331, 0.2959
Android (android.graphics.Color)	4290783049 (0xFFC02749)
YUV	88.6230, -7.7021, 90.6616
Hunter-Lab	36.2471, 53.1131, 12.9547

Details

The Hex color **C02749** 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 **27C09E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FE6479**, and **83001E** is the 20% darker color. If you saturate the color by 10%, you get **C0143A**, and if you desaturate by 10%, it is **C03A58**.

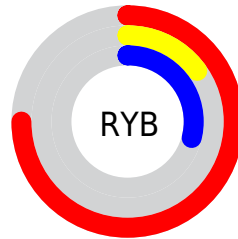
Distribution



Red (75%)

Green (15%)

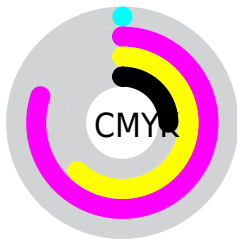
Blue (29%)



Red (75%)

Yellow (15%)

Blue (29%)

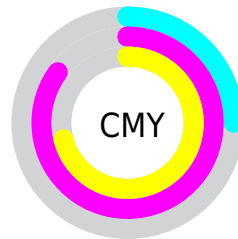


Cyan (0%)

Magenta (80%)

Yellow (62%)

Black (25%)



Cyan (25%)

Magenta (85%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C02749 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 C02749 by changing the saturation by 10% instead.

 C02749

 C02749

FFFFFF

 A10033

 FE6479

 83001E

 FF8093

 660006

 FF9CAD

 490002

 FFB9C9

 2B0001

 FFD6E5

 000000

 FFF4FF

 C02749

 C02749

 C0143A

 C03A58

 C0012B

 C04D67

 C0002B

 C06176

 C07485

 C08794

 C09AA3

 C0ADB2

 C0C1C0

 C0D4CF

Harmonies

Analogous

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



B7297D



C02749



AF4216

Triad

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



C02749



0B7613



0072CD

Complementary

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



C02749



27C09E

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.



007AB3



C02749



007B4D

Square

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



C02749



5E6D00



007C84



1F61CB

Rectangle

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



C02749



9A5400



007C84



0076C7

Sweetspot

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



C02749



FABECB



9C27C0



7D5961



FCFCFC



7D7D7D

Same Dimension

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



C02749



FA0A3F



C05027



615759



A10024



210007

Inverse Universe

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



C02749



FA0A3F



2797C0



615759



A10024



210007

Previews

White Background



This preview shows how the Hex color C02749 looks on a white background.

Color Contrast Check

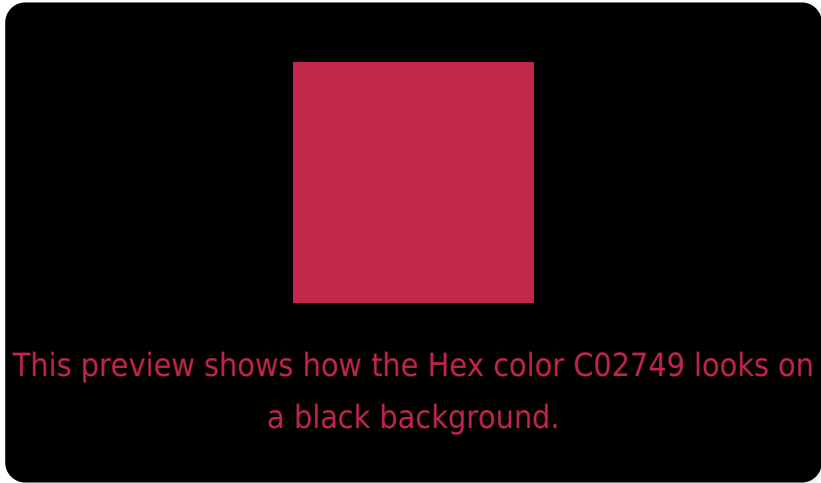
Large Text (above 18pt) WCAG AA ✓ Pass

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 C02749 Background



This preview shows how black text looks on a background with the Hex color C02749.

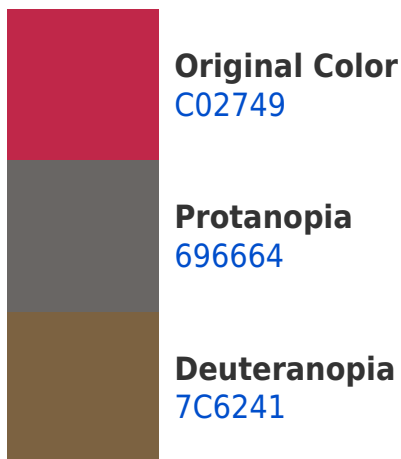


This preview shows how white text looks on a background with the Hex color C02749.

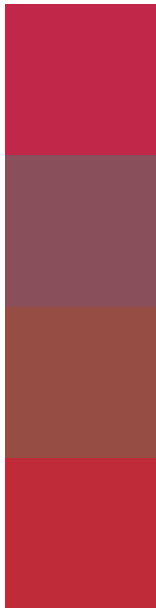
Color Blindness Simulation

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
C02749

Protanomaly
894F5A

Deuteranomaly
954D44

Tritanomaly
BF2B38

Monochromacy



Original Color
C02749

Achromatopsia
595959

Achromatomaly
7E4753

CSS Examples

Text

The CSS property to change the color of the text to Hex C02749 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 #C02749 looks like.

```
.text, #text, p{  
    color:#C02749  
}
```

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 #C02749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C02749
}
```

Border

The CSS property to change the border of an element to Hex C02749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

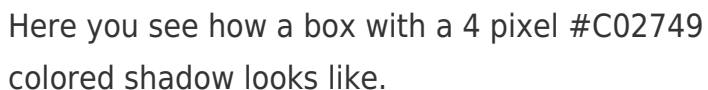
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C02749 }
```

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

```
.border{ border-color:#C02749 }
```

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



Here you see how a box with a 4 pixel #C02749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C02749; -webkit-box-shadow:4px 4px  
4px 4px #C02749; box-shadow:4px 4px 4px  
4px #C02749 }
```

Background

The CSS property to change the background color of an element to Hex C02749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C02749 }
```

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

```
.background{ background-color:#C02749 }
```

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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