

Converting Colors

Hex(C02029)

Have a look what the booklet for
Hex(C02029) contains.

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Color

Hex(C02029)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C02029 |
| RGB | 192, 32, 41 |
| RGB Percent | 75%, 13%, 16% |
| CMY | 0.2471, 0.8745, 0.8392 |
| CMYK | 0.00, 0.83, 0.79, 0.25 |
| HSL | 357°, 71%, 44% |
| HSV | 357°, 83%, 75% |
| XYZ | 22.6550, 12.3996, 3.2971 |
| YIQ | 80.8660, 92.4710, 36.7190 |

Conversions

Conversions Part 2

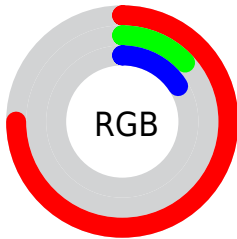
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 192, 32, 41 |
| Decimal | 12591145 |
| CIELab | 41.84, 60.68, 37.39 |
| CIELCh | 42, 71.279, 31.642 |
| Yxy | 12.3996, 0.5907, 0.3233 |
| Android (android.graphics.Color) | 4290781225 (0xFFC02029) |
| YUV | 80.8660, -19.6539, 97.4645 |
| Hunter-Lab | 35.2130, 53.2185, 19.0976 |

Details

The Hex color **C02029** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **20C0B7**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5F57**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C00D17**, and if you desaturate by 10%, it is **C0333B**.

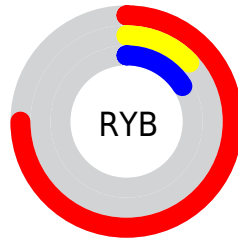
Distribution



Red (75%)

Green (13%)

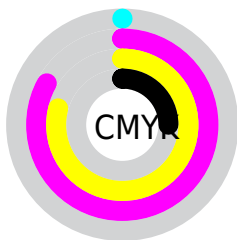
Blue (16%)



Red (75%)

Yellow (13%)

Blue (16%)

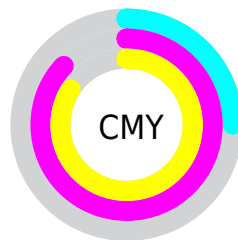


Cyan (0%)

Magenta (83%)

Yellow (79%)

Black (25%)



Cyan (25%)

Magenta (87%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C02029 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 C02029 by changing the saturation by 10% instead.

 C02029

 C02029

FFFFFFF

 A10014

 FF5F57

 820000

 FF7B70

 630000

 FF9789

 460002

 FFB4A4

 270001

 FFD1BF

 000000

 FFEFDB

 FFFFF7

 C02029

 C02029

 C00D17

 C0333B

 C0000B

 C0464D

 C05A5F

 C06D71

 C08084

 C09396

 C0A6A8

 C0BABA

 C0CDCC

Harmonies

Analogous

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



C50062



C02029



A34800

Triad

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



C02029



007825



006ADA

Complementary

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



C02029



20C0B7

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.



0077CB



C02029



007B64

Square

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



C02029



387000



007B9F



5D51C8

Rectangle

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



C02029



875B00



007B9F



006FD9

Sweetspot

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



C02029



FABBBF



B520C0



7D575A



FCFCFC



7D7D7D

Same Dimension

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



C02029



FA000E



C06520



615758



A10009



210002

Inverse Universe

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



C02029



FA000E



207BC0



615758



A10009



210002

Previews

White Background



This preview shows how the Hex color C02029 looks on a white background.

Color Contrast Check

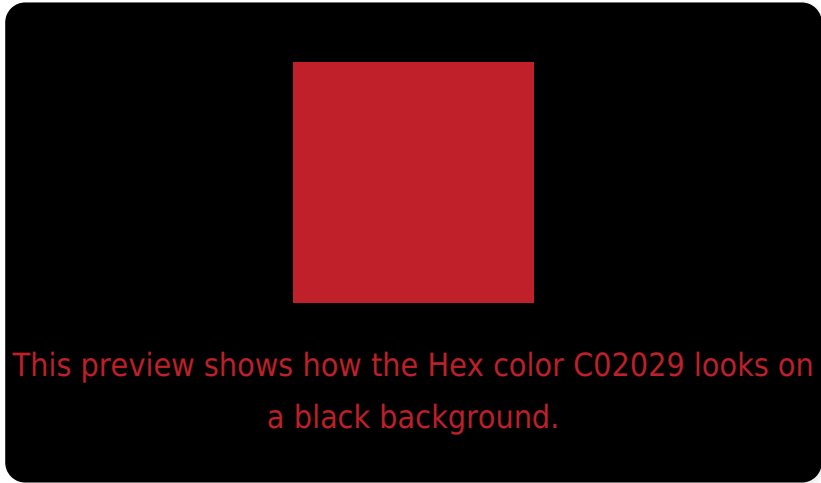
Large Text (above 18pt) WCAG AA ✓ Pass

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 C02029 Background



This preview shows how black text looks on a background with the Hex color C02029.



This preview shows how white text looks on a background with the Hex color C02029.

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



Original Color
C02029

Protanopia
6D643C

Deuteranopia
7D5F1D

Trichromacy



Original Color
C02029

Protanomaly
8B4B35

Deuteranomaly
954821

Tritanomaly
C02123

Monochromacy



Original Color
C02029

Achromatopsia
515151

Achromatomaly
793F42

CSS Examples

Text

The CSS property to change the color of the text to Hex C02029 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 #C02029 looks like.

```
.text, #text, p{  
    color:#C02029  
}
```

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 #C02029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C02029
}
```

Border

The CSS property to change the border of an element to Hex C02029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

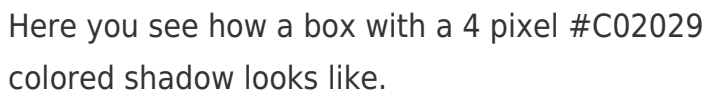
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C02029 }
```

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

```
.border{ border-color:#C02029 }
```

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



Here you see how a box with a 4 pixel `#C02029` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C02029; -webkit-box-shadow:4px 4px  
4px 4px #C02029; box-shadow:4px 4px 4px  
4px #C02029 }
```

Background

The CSS property to change the background color of an element to Hex C02029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C02029 }
```

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

```
.background{ background-color:#C02029 }
```

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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