

Converting Colors

Hex(C4102F)

Have a look what the booklet for
Hex(C4102F) contains.

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Color

Hex(C4102F)

Conversions

Conversions Part 1

Format	Color
Hex	C4102F
RGB	196, 16, 47
RGB Percent	77%, 6%, 18%
CMY	0.2314, 0.9373, 0.8157
CMYK	0.00, 0.92, 0.76, 0.23
HSL	350°, 85%, 42%
HSV	350°, 92%, 77%
XYZ	23.4633, 12.3116, 3.8290
YIQ	73.3540, 97.3290, 47.8010

Conversions

Conversions Part 2

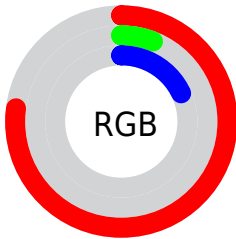
Format	Color
R _Y B	196, 16, 47
Decimal	12849199
CIE Lab	41.71, 64.92, 33.97
CIE LCh	42, 73.269, 27.622
Yxy	12.3116, 0.5924, 0.3109
Android (android.graphics.Color)	4291039279 (0xFFC4102F)
YUV	73.3540, -12.9925, 107.5605
Hunter-Lab	35.0879, 57.9596, 18.0914

Details

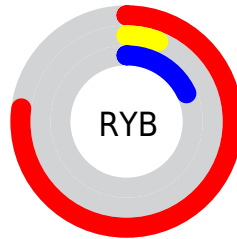
The Hex color **C4102F** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **10C4A5**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF585D**, and **850002** is the 20% darker color. If you saturate the color by 10%, you get **C40022**, and if you desaturate by 10%, it is **C4243F**.

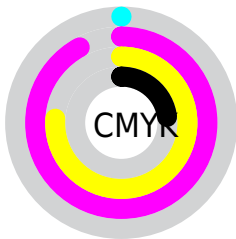
Distribution



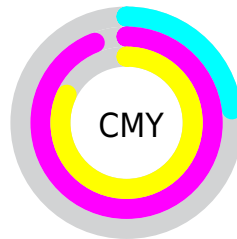
- Red (77%)
- Green (6%)
- Blue (18%)



- Red (77%)
- Yellow (6%)
- Blue (18%)



- Cyan (0%)
- Magenta (92%)
- Yellow (76%)
- Black (23%)



- Cyan (23%)
- Magenta (94%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4102F 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 C4102F by changing the saturation by 10% instead.

 C4102F

 C4102F

FFFFFF

 A4001A

 FF585D

 850002

 FF7676

 660000

 FF928F

 490003

 FFAFAA

 2A0001

 FFCC5

 000000

 FFEAE1

FFFFFFE

 C4102F

 C4102F

 C40022

 C4243F

 C4374F

 C44B60

 C45E70

 C47280

 C48690

 C499A1

 C4ADB1

 C4C0C1

Harmonies

Analogous

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



C5006A



C4102F



A94200

Triad

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



C4102F



007718



006CDD

Complementary

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



C4102F



10C4A5

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.



0078C9



C4102F



007A5C

Square

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



C4102F



416F00



007B99



4954CF

Rectangle

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



C4102F



8D5700



007B99



0071DA

Sweetspot

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



C4102F



FFB8C4



A310C4



80545C



000000



808080

Same Dimension

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



C4102F



FF002C



C44910



615759



A1001C



210006

Inverse Universe

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



C4102F



FF002C



108BC4



615759



A1001C



210006

Previews

White Background



This preview shows how the Hex color C4102F looks on a white background.

Color Contrast Check

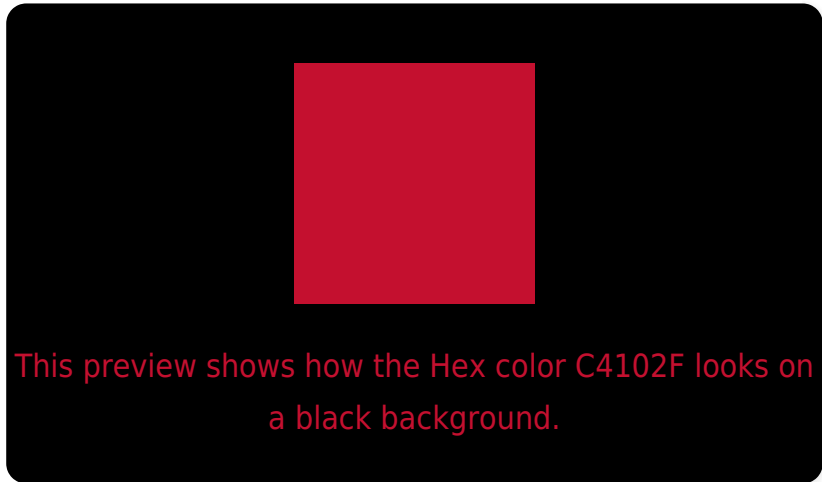
Large Text (above 18pt) WCAG AA ✓ Pass

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 C4102F Background



This preview shows how black text looks on a background with the Hex color C4102F.



This preview shows how white text looks on a background with the Hex color C4102F.

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
C4102F

Protanomaly
8C453E

Deuteranomaly
974228

Tritanomaly
C3151D

Monochromacy



Original Color
C4102F

Achromatopsia
494949

Achromatomaly
763440

CSS Examples

Text

The CSS property to change the color of the text to Hex C4102F 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 #C4102F looks like.

```
.text, #text, p{  
    color:#C4102F  
}
```

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 #C4102F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4102F
}
```

Border

The CSS property to change the border of an element to Hex C4102F is called "border". The border property can be set on classes, ids or directly on the HTML element.

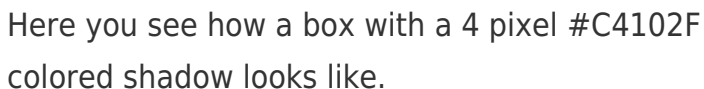
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4102F }
```

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

```
.border{ border-color:#C4102F }
```

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



Here you see how a box with a 4 pixel #C4102F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4102F; -webkit-box-shadow:4px 4px  
4px 4px #C4102F; box-shadow:4px 4px 4px  
4px #C4102F }
```

Background

The CSS property to change the background color of an element to Hex C4102F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4102F }
```

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

```
.background{ background-color:#C4102F }
```

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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