

Converting Colors

Hex(C70427)

Have a look what the booklet for
Hex(C70427) contains.

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Color

Hex(C70427)

Conversions

Conversions Part 1

Format	Color
Hex	C70427
RGB	199, 4, 39
RGB Percent	78%, 2%, 15%
CMY	0.2196, 0.9843, 0.8471
CMYK	0.00, 0.98, 0.80, 0.22
HSL	349°, 96%, 40%
HSV	349°, 98%, 78%
XYZ	23.9628, 12.3754, 3.0452
YIQ	66.2950, 104.9850, 52.2250

Conversions

Conversions Part 2

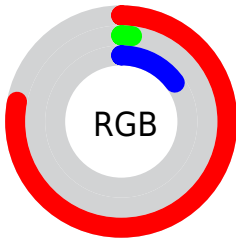
Format	Color
RYB	199, 4, 39
Decimal	13042727
CIELab	41.81, 66.70, 38.96
CIELCh	42, 77.244, 30.289
Yxy	12.3754, 0.6084, 0.3142
Android (android.graphics.Color)	4291232807 (0xFFC70427)
YUV	66.2950, -13.4564, 116.3823
Hunter-Lab	35.1787, 60.0267, 19.4928

Details

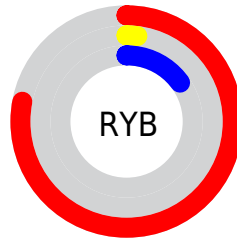
The Hex color **C70427** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **04C7A4**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FF5655**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C70024**, and if you desaturate by 10%, it is **C71837**.

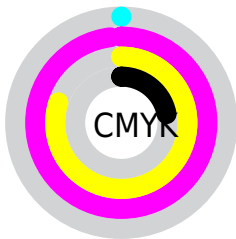
Distribution



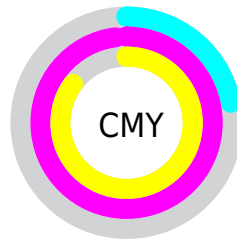
- Red (78%)
- Green (2%)
- Blue (15%)



- Red (78%)
- Yellow (2%)
- Blue (15%)



- Cyan (0%)
- Magenta (98%)
- Yellow (80%)
- Black (22%)



- Cyan (22%)
- Magenta (98%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C70427 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 C70427 by changing the saturation by 10% instead.

 C70427

 C70427

FFFFFFF

 A70012

 FF5655

 880000

 FF736D

 680000

 FF9087

 4B0003

 FFADA1

 2C0001

 FFCABC

 000000

 FFE8D8

 FFFFF4

 C70427

 C70427

 C70024

 C71837

 C72C48

 C74058

 C75468

 C76879

 C77B89

 C78F99

 C7A3AA

 C7B7BA

Harmonies

Analogous

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



CB0065



C70427



A84400

Triad

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



C70427



00781A



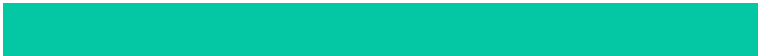
006CE4

Complementary

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



C70427



04C7A4

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.



0078D2



C70427



007C62

Square

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



C70427



367100



007CA2



5351D2

Rectangle

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



C70427



8A5900



007CA2



0071E2

Sweetspot

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



C70427



FFB5C2



A304C7



80535B



000000



808080

Same Dimension

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



C70427



FF002E



C74204



635A5B



A3001D



240006

Inverse Universe

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



C70427



FF002E



0489C7



635A5B



A3001D



240006

Previews

White Background



This preview shows how the Hex color C70427 looks on a white background.

Color Contrast Check

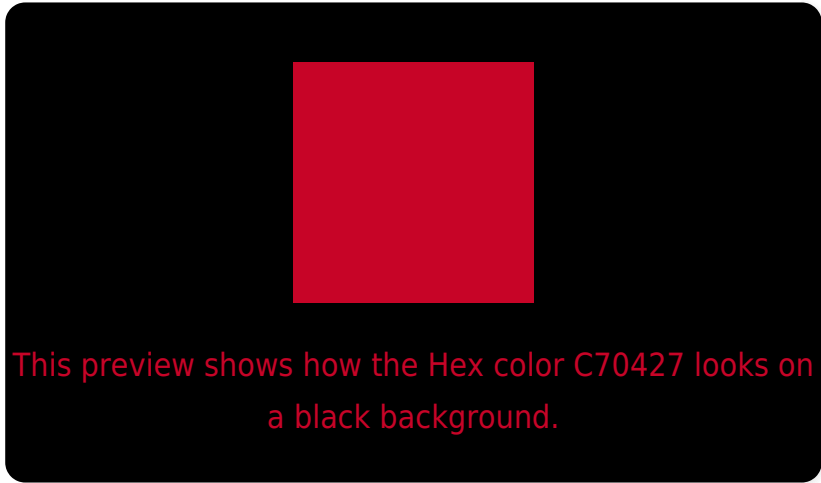
Large Text (above 18pt) WCAG AA ✓ Pass

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 C70427 Background



This preview shows how black text looks on a background with the Hex color C70427.



This preview shows how white text looks on a background with the Hex color C70427.

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
C70427

Protanopia
6E653D

Deuteranopia
7F6018



Tritanopia
C61100

Trichromacy



Original Color
C70427

Protanomaly
8E4235

Deuteranomaly
993F1D

Tritanomaly
C60C0E

Monochromacy



Original Color
C70427

Achromatopsia
424242

Achromatomaly
722B38

CSS Examples

Text

The CSS property to change the color of the text to Hex C70427 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 #C70427 looks like.

```
.text, #text, p{  
    color:#C70427  
}
```

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 #C70427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C70427
}
```

Border

The CSS property to change the border of an element to Hex C70427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

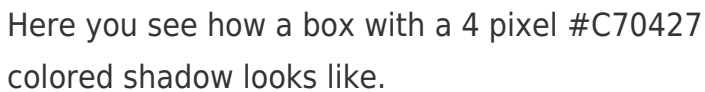
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C70427 }
```

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

```
.border{ border-color:#C70427 }
```

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



Here you see how a box with a 4 pixel `#C70427` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C70427; -webkit-box-shadow:4px 4px  
4px 4px #C70427; box-shadow:4px 4px 4px  
4px #C70427 }
```

Background

The CSS property to change the background color of an element to Hex C70427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C70427 }
```

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

```
.background{ background-color:#C70427 }
```

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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