

Converting Colors

Hex(C40027)

Have a look what the booklet for
Hex(C40027) contains.

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Color

Hex(C40027)

Conversions

Conversions Part 1

Format	Color
Hex	C40027
RGB	196, 0, 39
RGB Percent	77%, 0%, 15%
CMY	0.2314, 1.0000, 0.8471
CMYK	0.00, 1.00, 0.80, 0.23
HSL	348°, 100%, 38%
HSV	348°, 100%, 77%
XYZ	23.1312, 11.8822, 2.9938
YIQ	63.0500, 104.2970, 53.6810

Conversions

Conversions Part 2

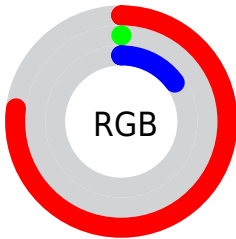
Format	Color
R_{YB}	196, 0, 39
Decimal	12845095
CIE _{Lab}	41.03, 66.36, 37.96
CIE _{LCh}	41, 76.447, 29.772
Yxy	11.8822, 0.6086, 0.3126
Android (android.graphics.Color)	4291035175 (0xFFC40027)
YUV	63.0500, -11.8566, 116.5971
Hunter-Lab	34.4706, 59.4570, 18.9800

Details

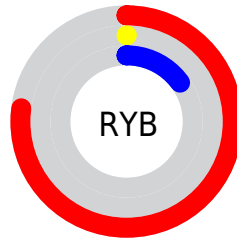
The Hex color **C40027** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00C49D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **FF5455**, and **850000** is the 20% darker color. If you saturate the color by 10%, you get **C40027**, and if you desaturate by 10%, it is **C41437**.

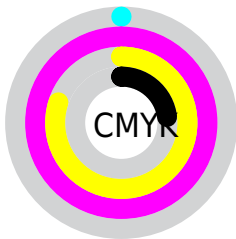
Distribution



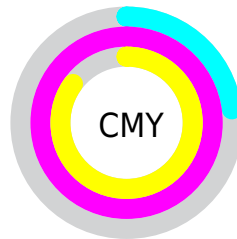
- Red (77%)
- Green (0%)
- Blue (15%)



- Red (77%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (23%)



- Cyan (23%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C40027 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 C40027 by changing the saturation by 10% instead.

 C40027

 C40027

FFFFFF

 A40012

 FF5455

 850000

 FF716D

 650000

 FF8E86

 480003

 FFABA1

 290001

 FFC9BC

 000000

 FFE6D8

 FFFFF4

 C40027

 C41437

 C42746

 C43B56

 C44E66

 C46276

 C47685

 C48995

 C49DA5

 C4B0B4

Harmonies

Analogous

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



C80064



C40027



A64200

Triad

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



C40027



007618



006AE1

Complementary

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



C40027



00C49D

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.



0076CE



C40027



00795F

Square

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



C40027



366E00



007A9E



4F50D0

Rectangle

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



C40027



885700



007A9E



006FDE

Sweetspot

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



C40027



FFB3C2



9D00C4



80525B



000000



808080

Same Dimension

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



C40027



FF0033



C43B00



615759



A10020



210007

Inverse Universe

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



C40027



FF0033



0089C4



615759



A10020



210007

Previews

White Background



This preview shows how the Hex color C40027 looks on a white background.

Color Contrast Check

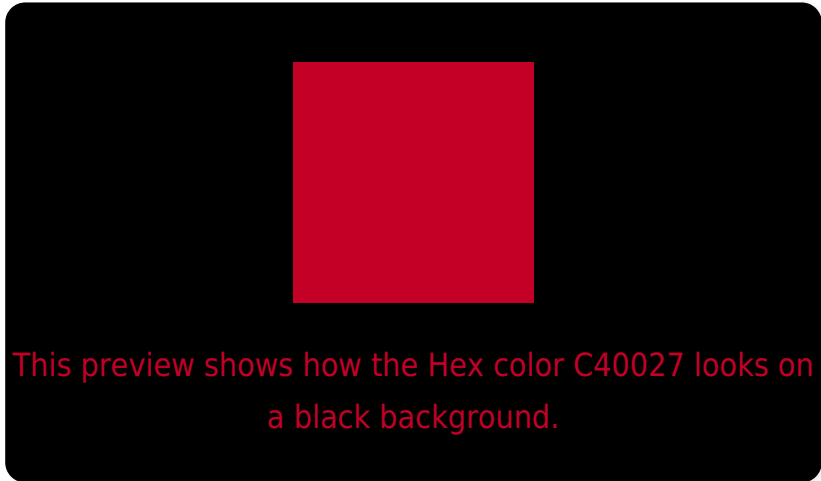
Large Text (above 18pt) WCAG AA ✓ Pass

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 C40027 Background



This preview shows how black text looks on a background with the Hex color C40027.

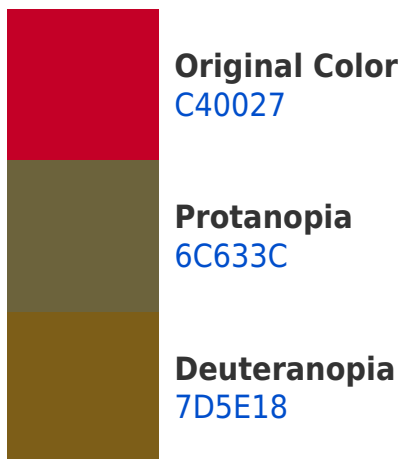


This preview shows how white text looks on a background with the Hex color C40027.

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





Tritanopia
C31100

Trichromacy



Original Color
C40027



Protanomaly
8C3F34



Deuteranomaly
973C1D



Tritanomaly
C30B0E

Monochromacy



Original Color
C40027



Achromatopsia
3F3F3F



Achromatomaly
6F2836

CSS Examples

Text

The CSS property to change the color of the text to Hex C40027 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 #C40027 looks like.

```
.text, #text, p{  
    color:#C40027  
}
```

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 #C40027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40027
}
```

Border

The CSS property to change the border of an element to Hex C40027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

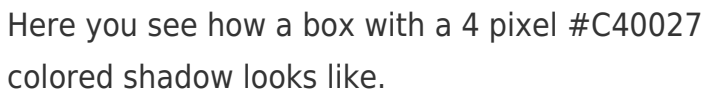
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C40027 }
```

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

```
.border{ border-color:#C40027 }
```

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



Here you see how a box with a 4 pixel `#C40027` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40027; -webkit-box-shadow:4px 4px  
4px 4px #C40027; box-shadow:4px 4px 4px  
4px #C40027 }
```

Background

The CSS property to change the background color of an element to Hex C40027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40027 }
```

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

```
.background{ background-color:#C40027 }
```

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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