

Converting Colors

Hex(C40032)

Have a look what the booklet for
Hex(C40032) contains.

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Color

Hex(C40032)

Conversions

Conversions Part 1

Format	Color
Hex	C40032
RGB	196, 0, 50
RGB Percent	77%, 0%, 20%
CMY	0.2314, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.74, 0.23
HSL	345°, 100%, 38%
HSV	345°, 100%, 77%
XYZ	23.3407, 11.9661, 4.0971
YIQ	64.3040, 100.7660, 57.1020

Conversions

Conversions Part 2

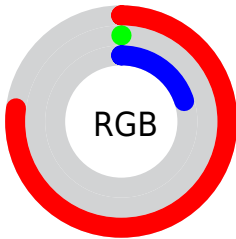
Format	Color
R_{YB}	196, 0, 50
Decimal	12845106
CIE Lab	41.16, 66.72, 31.54
CIE LCh	41, 73.798, 25.298
Yxy	11.9661, 0.5923, 0.3037
Android (android.graphics.Color)	4291035186 (0xFFC40032)
YUV	64.3040, -7.0519, 115.4974
Hunter-Lab	34.5920, 59.9055, 17.1920

Details

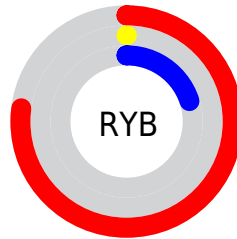
The Hex color **C40032** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00C492**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **FF5460**, and **850006** is the 20% darker color. If you saturate the color by 10%, you get **C40032**, and if you desaturate by 10%, it is **C41441**.

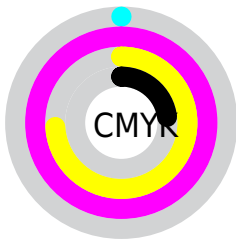
Distribution



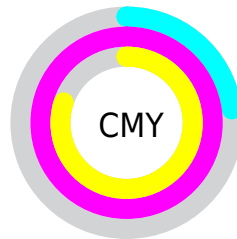
- Red (77%)
- Green (0%)
- Blue (20%)



- Red (77%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color C40032 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 C40032 by changing the saturation by 10% instead.

 C40032

 C40032

FFFFFF

 A4001D

 FF5460

 850006

 FF7279

 660000

 FF8F93

 490003

 FFACAD

 290001

 FFC9C9

 000000

 FFE7E5

 C40032

 C41441

 C4274F

 C43B5E

 C44E6C

 C4627B

 C4768A

 C48998

 C49DA7

 C4B0B5

Harmonies

Analogous

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



C3006D



C40032



AA3E00

Triad

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



C40032



00750E



006CDC

Complementary

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



C40032



00C492

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.



0077C5



C40032



007955

Square

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



C40032



456D00



007A94



3755D0

Rectangle

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



C40032



8F5300



007A94



0071D8

Sweetspot

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



C40032



FFB3C6



9000C4



80525D



000000



808080

Same Dimension

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



C40032



FF0041



C42E00



61575A



A10029



210008

Inverse Universe

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



C40032



FF0041



0096C4



61575A



A10029



210008

Previews

White Background



This preview shows how the Hex color C40032 looks on a white background.

Color Contrast Check

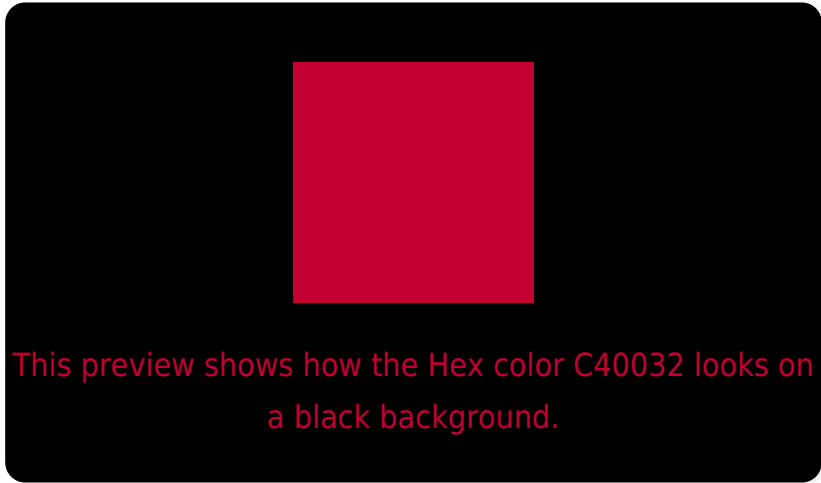
Large Text (above 18pt) WCAG AA ✓ Pass

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 C40032 Background



This preview shows how black text looks on a background with the Hex color C40032.



This preview shows how white text looks on a background with the Hex color C40032.

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

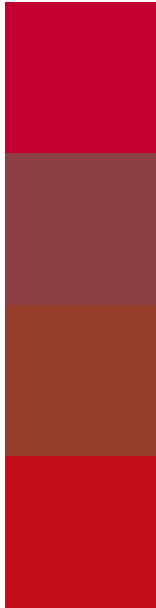


Original Color
C40032

Protanopia
6B634B

Deuteranopia
7C5F27

Trichromacy



Original Color
C40032

Protanomaly
8B3F42

Deuteranomaly
963C2B

Tritanomaly
C30D1B

Monochromacy



Original Color
C40032

Achromatopsia
404040

Achromatomaly
70293B

CSS Examples

Text

The CSS property to change the color of the text to Hex C40032 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 #C40032 looks like.

```
.text, #text, p{  
    color:#C40032  
}
```

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 #C40032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40032
}
```

Border

The CSS property to change the border of an element to Hex C40032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

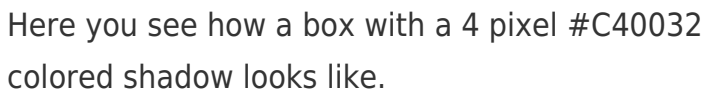
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C40032 }
```

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

```
.border{ border-color:#C40032 }
```

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



Here you see how a box with a 4 pixel `#C40032` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40032; -webkit-box-shadow:4px 4px  
4px 4px #C40032; box-shadow:4px 4px 4px  
4px #C40032 }
```

Background

The CSS property to change the background color of an element to Hex C40032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40032 }
```

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

```
.background{ background-color:#C40032 }
```

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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