

Converting Colors

Hex(C41004)

Have a look what the booklet for
Hex(C41004) contains.

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Color

Hex(C41004)

Conversions

Conversions Part 1

Format	Color
Hex	C41004
RGB	196, 16, 4
RGB Percent	77%, 6%, 2%
CMY	0.2314, 0.9373, 0.9843
CMYK	0.00, 0.92, 0.98, 0.23
HSL	4°, 96%, 39%
HSV	4°, 98%, 77%
XYZ	22.9722, 12.1151, 1.2425
YIQ	68.4520, 111.1320, 34.4280

Conversions

Conversions Part 2

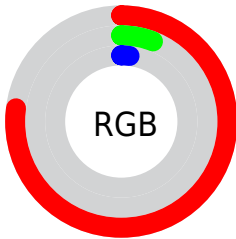
Format	Color
RYB	196, 17, 4
Decimal	12849156
CIELab	41.40, 64.04, 53.94
CIElCh	41, 83.730, 40.102
Yxy	12.1151, 0.6323, 0.3335
Android (android.graphics.Color)	4291039236 (0xFFC41004)
YUV	68.4520, -31.7748, 111.8596
Hunter-Lab	34.8068, 56.8966, 22.2482

Details

The Hex color **C41004** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **04B8C4**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5837**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C40C00**, and if you desaturate by 10%, it is **C42218**.

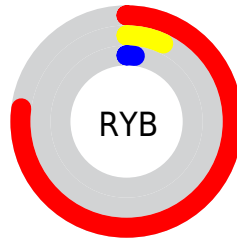
Distribution



Red (77%)

Green (6%)

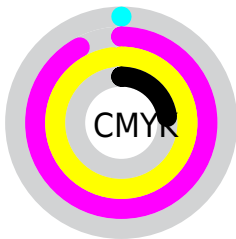
Blue (2%)



Red (77%)

Yellow (7%)

Blue (2%)

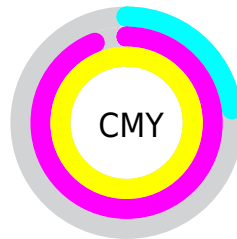


Cyan (0%)

Magenta (92%)

Yellow (98%)

Black (23%)



Cyan (23%)

Magenta (94%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C41004 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 C41004 by changing the saturation by 10% instead.

 C41004

 C41004

 FFFFFF1

 A40000

 FF5837

 840000

 FF7550

 640000

 FF9169

 470003

 FFAE83

 280001

 FFCB9D

 000000

 FFE9B8

 FFFFD4

 C41004

 C41004

■ C40C00

■ C42218

■ C4352B

■ C4473F

■ C45A52

■ C46C66

■ C47E7A

■ C4918D

■ C4A3A1

■ C4B5B4

Harmonies

Analogous

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



D4004E



C41004



9C4C00

Triad

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



C41004



007A2E



0064EC

Complementary

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



C41004



04B8C4

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.



0076E5



C41004



007C78

Square

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



C41004



007400



007CBA



7A3FCD

Rectangle

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



C41004



786000



007CBA



006CEE

Sweetspot

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



C41004



FFBAB5



C404BA



805653



000000



808080

Same Dimension

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



C41004



FF1000



C46E04



615857



A10A00



210200

Inverse Universe

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



04B8C4



00EFFF



045AC4



576061



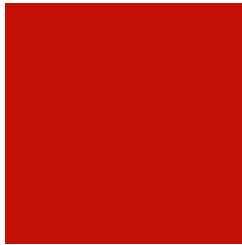
0097A1



001F21

Previews

White Background



This preview shows how the Hex color C41004 looks on a white background.

Color Contrast Check

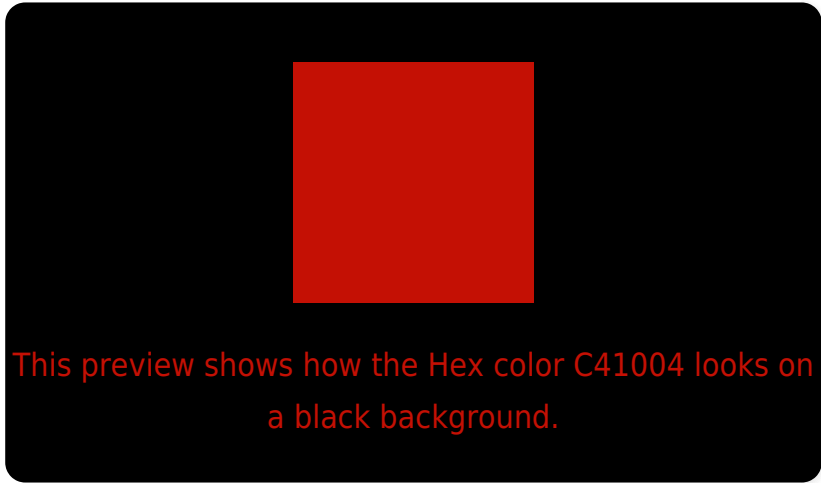
Large Text (above 18pt) WCAG AA ✓ Pass

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 C41004 Background



This preview shows how black text looks on a background with the Hex color C41004.



This preview shows how white text looks on a background with the Hex color C41004.

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
C41004

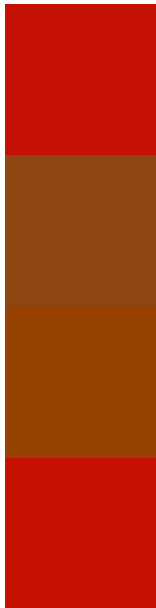
Protanopia
70641A

Deuteranopia
7D5E00



Tritanopia
C41100

Trichromacy



Original Color
C41004

Protanomaly
8F4512

Deuteranomaly
974201

Tritanomaly
C41101

Monochromacy



Original Color
C41004

Achromatopsia
444444

Achromatomaly
73312D

CSS Examples

Text

The CSS property to change the color of the text to Hex C41004 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 #C41004 looks like.

```
.text, #text, p{  
    color:#C41004  
}
```

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 #C41004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C41004
}
```

Border

The CSS property to change the border of an element to Hex C41004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

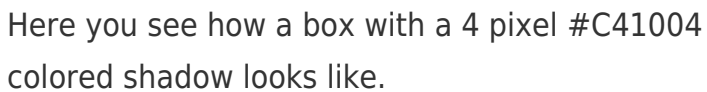
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C41004 }
```

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

```
.border{ border-color:#C41004 }
```

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



Here you see how a box with a 4 pixel #C41004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C41004; -webkit-box-shadow:4px 4px  
4px 4px #C41004; box-shadow:4px 4px 4px  
4px #C41004 }
```

Background

The CSS property to change the background color of an element to Hex C41004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C41004 }
```

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

```
.background{ background-color:#C41004 }
```

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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