

Converting Colors

Hex(CC4021)

Have a look what the booklet for
Hex(CC4021) contains.

Hex(CC4021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CC4021)

Conversions

Conversions Part 1

Format	Color
Hex	CC4021
RGB	204, 64, 33
RGB Percent	80%, 25%, 13%
CMY	0.2000, 0.7490, 0.8706
CMYK	0.00, 0.69, 0.84, 0.20
HSL	11°, 72%, 46%
HSV	11°, 84%, 80%
XYZ	27.0097, 16.6140, 3.2221
YIQ	102.3260, 93.3910, 20.0390

Conversions

Conversions Part 2

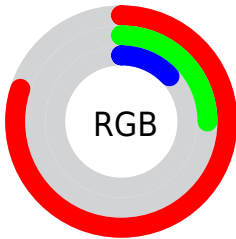
Format	Color
R_{YB}	204, 71, 33
Decimal	13385761
CIE Lab	47.77, 53.85, 48.09
CIE LCh	48, 72.197, 41.762
Yxy	16.6140, 0.5766, 0.3547
Android (android.graphics.Color)	4291575841 (0xFFCC4021)
YUV	102.3260, -34.1777, 89.1681
Hunter-Lab	40.7602, 46.9525, 23.8453

Details

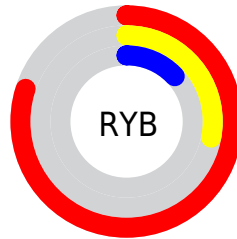
The Hex color **CC4021** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark muted red. A complement of this color would be **21ADCC**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7751**, and **8E0000** is the 20% darker color. If you saturate the color by 10%, you get **CC2F0D**, and if you desaturate by 10%, it is **CC5135**.

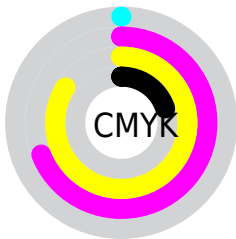
Distribution



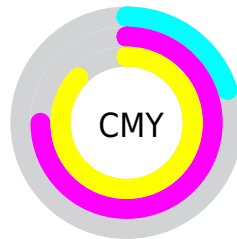
- Red (80%)
- Green (25%)
- Blue (13%)



- Red (80%)
- Yellow (28%)
- Blue (13%)



- Cyan (0%)
- Magenta (69%)
- Yellow (84%)
- Black (20%)



- Cyan (20%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC4021 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 CC4021 by changing the saturation by 10% instead.

 CC4021

 CC4021

FFFFFF

 AC2208

 FF7751

 8E0000

 FF936A

 6F0000

 FFAF84

 500000

 FFCB9E

 350002

 FFE9B9

 030000

 FFFFD5

 000000

 FFFFF2

 CC4021

 CC4021

■ CC2F0D

■ CC5135

■ CC2500

■ CC614A

■ CC725E

■ CC8373

■ CC9487

■ CCA49B

■ CCB5B0

■ CCC6C4

■ CCD6D9

Harmonies

Analogous

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



DA1D5C



CC4021



A76000

Triad

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



CC4021



008949



0071EA

Complementary

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



CC4021



21ADCC

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.



0083E6



CC4021



008B89

Square

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



CC4021



278300



008AC2



8F54CD

Rectangle

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



CC4021



877000



008AC2



0078ED

Sweetspot

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



CC4021



FFCBBF



CC21AF



806059



000000



808080

Same Dimension

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



CC4021



FF2E00



CC9321



665E5C



A61E00



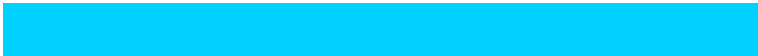
260700

Inverse Universe

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



21ADCC



00D1FF



215ACC



5C6466



0088A6



001F26

Previews

White Background



This preview shows how the Hex color CC4021 looks on a white background.

Color Contrast Check

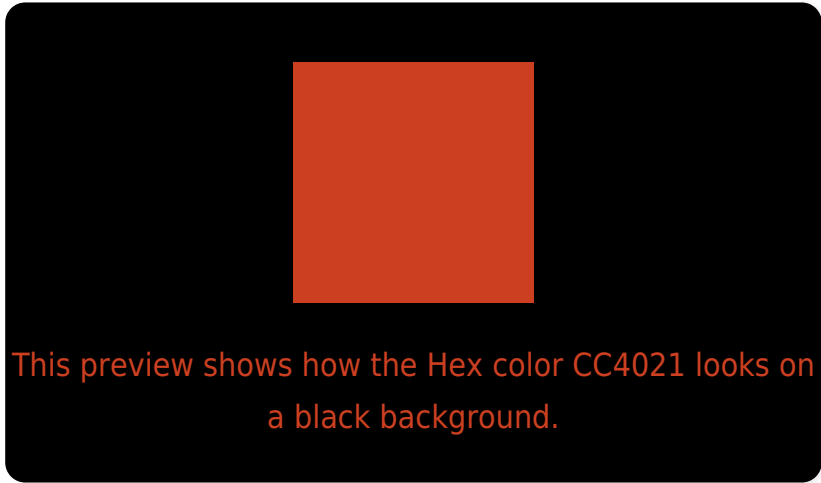
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC4021 Background



This preview shows how black text looks on a background with the Hex color CC4021.



This preview shows how white text looks on a background with the Hex color CC4021.

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

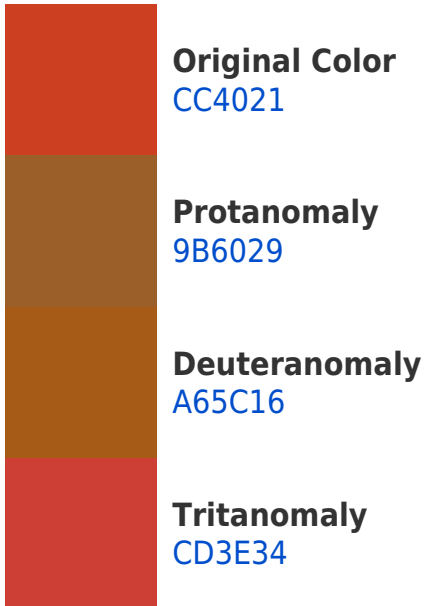


Original Color
CC4021

Protanopia
7F722E

Deuteranopia
906C0F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC4021 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 #CC4021 looks like.

```
.text, #text, p{  
  color:#CC4021  
}
```

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 #CC4021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4021
}
```

Border

The CSS property to change the border of an element to Hex CC4021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

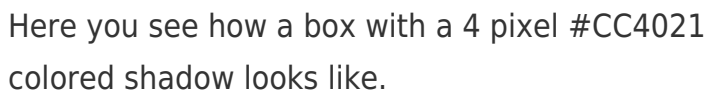
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC4021 }
```

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

```
.border{ border-color:#CC4021 }
```

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



Here you see how a box with a 4 pixel `#CC4021` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4021; -webkit-box-shadow:4px 4px  
4px 4px #CC4021; box-shadow:4px 4px 4px  
4px #CC4021 }
```

Background

The CSS property to change the background color of an element to Hex CC4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4021 }
```

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

```
.background{ background-color:#CC4021 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor