

# Converting Colors

Hex(C2641B)

Have a look what the booklet for  
Hex(C2641B) contains.

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**Color**

**Hex(C2641B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2641B
RGB	194, 100, 27
RGB Percent	76%, 39%, 11%
CMY	0.2392, 0.6078, 0.8941
CMYK	0.00, 0.48, 0.86, 0.24
HSL	26°, 76%, 43%
HSV	26°, 86%, 76%
XYZ	27.0031, 20.6628, 3.6020
YIQ	119.7840, 79.4570, -2.7750

# Conversions

## Conversions Part 2

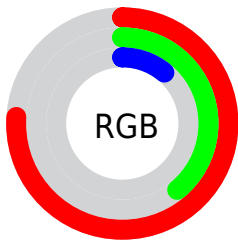
Format	Color
<a href="#">RYB</a>	<a href="#">194, 157, 27</a>
Decimal	<a href="#">12739611</a>
CIELab	<a href="#">52.58, 33.10, 54.04</a>
CIElCh	<a href="#">53, 63.367, 58.510</a>
Yxy	<a href="#">20.6628, 0.5267, 0.4030</a>
Android (android.graphics.Color)	<a href="#">4290929691</a> (0xFFC2641B)
YUV	<a href="#">119.7840, -45.7425, 65.0874</a>
Hunter-Lab	<a href="#">45.4564, 26.4884, 27.1213</a>

# Details

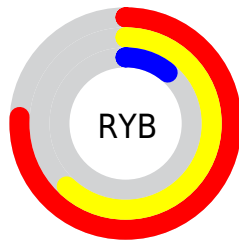
The Hex color **C2641B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **1B79C2**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF984F**, and **863300** is the 20% darker color. If you saturate the color by 10%, you get **C25908**, and if you desaturate by 10%, it is **C26F2E**.

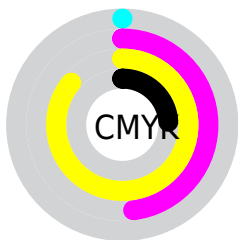
# Distribution



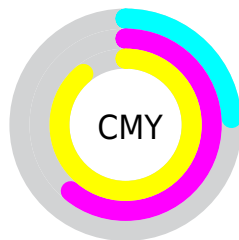
- Red (76%)
- Green (39%)
- Blue (11%)



- Red (76%)
- Yellow (62%)
- Blue (11%)



- Cyan (0%)
- Magenta (48%)
- Yellow (86%)
- Black (24%)



- Cyan (24%)
- Magenta (61%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2641B 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 C2641B by changing the saturation by 10% instead.



 C2641B

 C2641B

FFFFFF

 A44B00

 FF984F

 863300

 FFB368

 681A00

 FFCF83

 4B0000

 FFEC9E

 320000

 FFFFB9

 030000

 FFFFFD5

 000000

 FFFFFF2

 C2641B

 C2641B

 C25908

 C26F2E

 C25500

 C27A42

 C28555

 C29069

 C29B7C

 C2A68F

 C2B0A3

 C2BBB6

 C2C6CA

# Harmonies

## Analogous

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



DA4C4D



C2641B



997A00

# Triad

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



C2641B



009679



7570DE

# Complementary

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



C2641B



1B79C2

# 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.



0085EB



C2641B



0096B0

# Square

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



C2641B



009241



0091DA



BC56B7

# Rectangle

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



C2641B



778500



0091DA



4C78E5



# Sweetspot

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



C2641B



FCD8BB



C21B7A



806958



000000



808080



# Same Dimension

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



C2641B



FC6E00



C2B71B



615B57



A14600



210E00

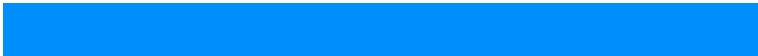


# Inverse Universe

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



1B79C2



008EFC



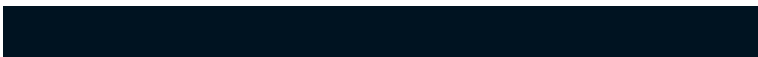
1B26C2



575D61



005AA1



001321



# Previews

## White Background



This preview shows how the Hex color C2641B looks on a white background.

## Color Contrast Check

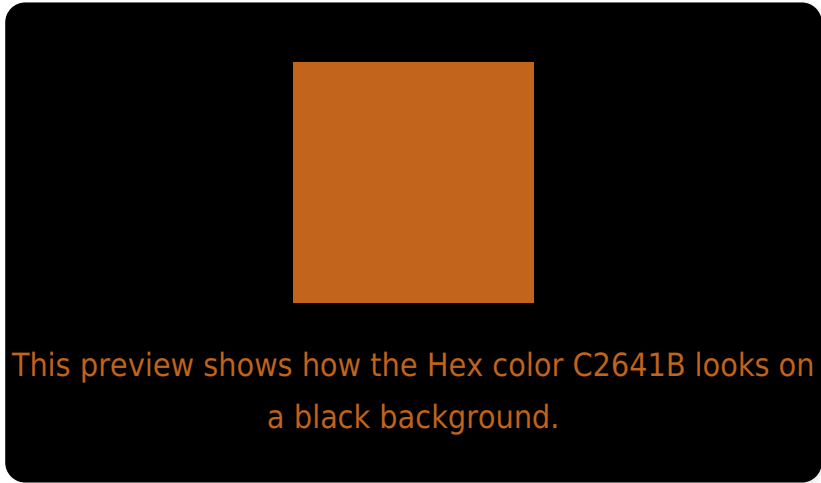
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2641B Background



This preview shows how black text looks on a background with the Hex color C2641B.



This preview shows how white text looks on a background with the Hex color C2641B.

# 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**  
C2641B

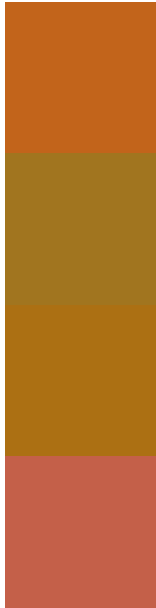
**Protanopia**  
8E7E22

**Deuteranopia**  
9F770E



**Tritanopia**  
C55D64

# Trichromacy



**Original Color**  
C2641B

**Protanomaly**  
A1751F

**Deuteranomaly**  
AC7013

**Tritanomaly**  
C46049

# Monochromacy



**Original Color**  
C2641B

**Achromatopsia**  
787878

**Achromatomaly**  
937156

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2641B 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 #C2641B looks like.

```
.text, #text, p{  
    color:#C2641B  
}
```

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 #C2641B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2641B
}
```

## Border

The CSS property to change the border of an element to Hex C2641B 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
#C2641B }
```

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

```
.border{ border-color:#C2641B }
```

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

Here you see how a box with a 4 pixel #C2641B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2641B; -webkit-box-shadow:4px 4px  
4px 4px #C2641B; box-shadow:4px 4px 4px  
4px #C2641B }
```

# Background

The CSS property to change the background color of an element to Hex C2641B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2641B }
```

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

```
.background{ background-color:#C2641B }
```

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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