

Converting Colors

Hex(CA321B)

Have a look what the booklet for
Hex(CA321B) contains.

Hex(CA321B)	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(CA321B)

Conversions

Conversions Part 1

Format	Color
Hex	CA321B
RGB	202, 50, 27
RGB Percent	79%, 20%, 11%
CMY	0.2078, 0.8039, 0.8941
CMYK	0.00, 0.75, 0.87, 0.21
HSL	8°, 76%, 45%
HSV	8°, 87%, 79%
XYZ	25.6956, 14.9169, 2.5619
YIQ	92.8260, 97.9750, 25.0710

Conversions

Conversions Part 2

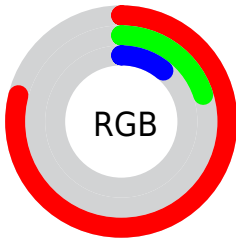
Format	Color
RYB	202, 53, 27
Decimal	13251099
CIELab	45.52, 58.13, 48.76
CIElCh	46, 75.872, 39.990
Yxy	14.9169, 0.5952, 0.3455
Android (android.graphics.Color)	4291441179 (0xFFCA321B)
YUV	92.8260, -32.4522, 95.7456
Hunter-Lab	38.6224, 51.1672, 23.1029

Details

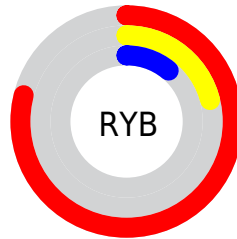
The Hex color **CA321B** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1BB3CA**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6C4B**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **CA2007**, and if you desaturate by 10%, it is **CA442F**.

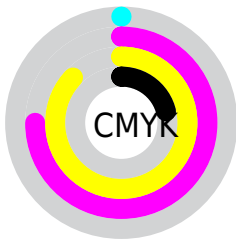
Distribution



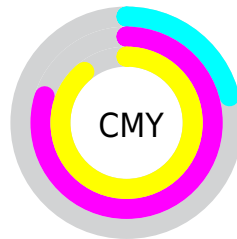
- Red (79%)
- Green (20%)
- Blue (11%)



- Red (79%)
- Yellow (21%)
- Blue (11%)



- Cyan (0%)
- Magenta (75%)
- Yellow (87%)
- Black (21%)



- Cyan (21%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA321B 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 CA321B by changing the saturation by 10% instead.

 CA321B

 CA321B

FFFFFF

 AA0902

 FF6C4B

 8B0000

 FF8863

 6C0000

 FFA47D

 4E0001

 FFC197

 310002

 FFDEB2

 000000

 FFFBCE

 FFFFEA

 CA321B

 CA321B

■ CA2007

■ CA442F

■ CA1B00

■ CA5543

■ CA6758

■ CA786C

■ CA8A80

■ CA9B94

■ CAADA8

■ CABEBD

■ CAD0D1

Harmonies

Analogous

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



D8005A



CA321B



A55800

Triad

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



CA321B



00843D



006DEB

Complementary

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



CA321B



1BB3CA

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.



007FE4



CA321B



008680

Square

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



CA321B



1E7D00



0085BD



844ECE

Rectangle

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



CA321B



846900



0085BD



0075ED

Sweetspot

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



CA321B



FFC5BD



CA1BB6



805D58



000000



808080

Same Dimension

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



CA321B



FF2200



CA871B



665D5C



A61600



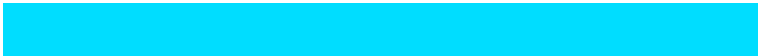
260500

Inverse Universe

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



1BB3CA



00DDFF



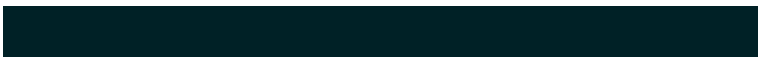
1B5ECA



5C6566



0090A6



002126

Previews

White Background



This preview shows how the Hex color CA321B looks on a white background.

Color Contrast Check

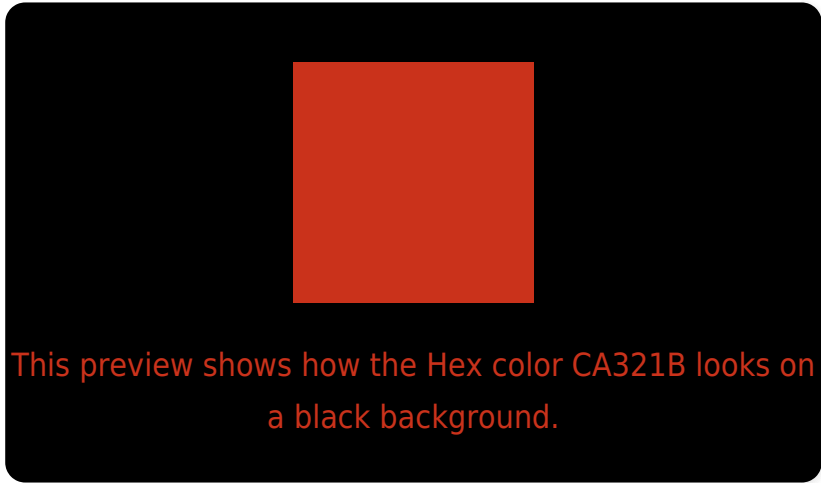
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA321B Background



This preview shows how black text looks on a background with the Hex color CA321B.



This preview shows how white text looks on a background with the Hex color CA321B.

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

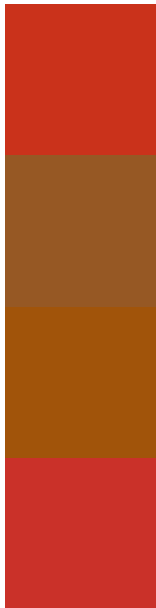


Original Color
CA321B

Protanopia
796D29

Deuteranopia
896700

Trichromacy



Original Color
CA321B

Protanomaly
965824

Deuteranomaly
A1540A

Tritanomaly
CA3129

Monochromacy



Original Color
CA321B

Achromatopsia
5D5D5D

Achromatomaly
854D45

CSS Examples

Text

The CSS property to change the color of the text to Hex CA321B 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 #CA321B looks like.

```
.text, #text, p{  
    color:#CA321B  
}
```

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 #CA321B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA321B
}
```

Border

The CSS property to change the border of an element to Hex CA321B 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".

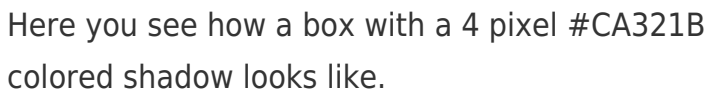
```
.border, #border, table{ border:4px solid
#CA321B }
```

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

```
.border{ border-color:#CA321B }
```

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

Here you see how a box with a 4 pixel #CA321B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA321B; -webkit-box-shadow:4px 4px  
4px 4px #CA321B; box-shadow:4px 4px 4px  
4px #CA321B }
```

Background

The CSS property to change the background color of an element to Hex CA321B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA321B }
```

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

```
.background{ background-color:#CA321B }
```

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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