

Converting Colors

Hex(CE221A)

Have a look what the booklet for
Hex(CE221A) contains.

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Color

Hex(CE221A)

Conversions

Conversions Part 1

Format	Color
Hex	CE221A
RGB	206, 34, 26
RGB Percent	81%, 13%, 10%
CMY	0.1922, 0.8667, 0.8980
CMYK	0.00, 0.83, 0.87, 0.19
HSL	3°, 78%, 45%
HSV	3°, 87%, 81%
XYZ	26.2121, 14.3404, 2.3637
YIQ	84.5160, 105.0800, 33.9760

Conversions

Conversions Part 2

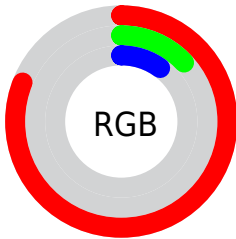
Format	Color
RYB	206, 34, 26
Decimal	13509146
CIELab	44.72, 63.74, 48.89
CIELCh	45, 80.334, 37.489
Yxy	14.3404, 0.6108, 0.3341
Android (android.graphics.Color)	4291699226 (0xFFCE221A)
YUV	84.5160, -28.8484, 106.5415
Hunter-Lab	37.8688, 57.2841, 22.8073

Details

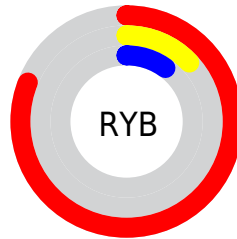
The Hex color **CE221A** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **1AC6CE**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6249**, and **8E0000** is the 20% darker color. If you saturate the color by 10%, you get **CE0E05**, and if you desaturate by 10%, it is **CE362F**.

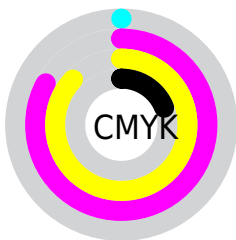
Distribution



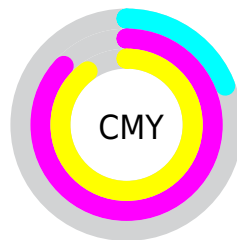
- Red (81%)
- Green (13%)
- Blue (10%)



- Red (81%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (83%)
- Yellow (87%)
- Black (19%)



- Cyan (19%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE221A 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 CE221A by changing the saturation by 10% instead.

 CE221A

 CE221A

FFFFFF

 AE0002

 FF6249

 8E0000

 FF7F62

 6E0000

 FF9B7B

 500001

 FFB895

 330002

 FFD6B0

 000000

 FFF3CC

 FFFF E8

 CE221A

 CE221A

■ CE0E05

■ CE362F

■ CE0900

■ CE4943

■ CE5D58

■ CE716C

■ CE8481

■ CE9896

■ CEACAA

■ CEBFBF

■ CED3D3

Harmonies

Analogous

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



DA005C



CE221A



A95200

Triad

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



CE221A



008232



006EF1

Complementary

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



CE221A



1AC6CE

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.



007FE7



CE221A



00857A

Square

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



CE221A



1D7B00



0084BB



7A4ED6

Rectangle

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



CE221A



866600



0084BB



0075F2

Sweetspot

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



CE221A



FFC0BD



CE1AC8



805A58



000000



808080

Same Dimension

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



CE221A



FF0B00



CE7A1A



665C5C



A60700



260200

Inverse Universe

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



1AC6CE



00F4FF



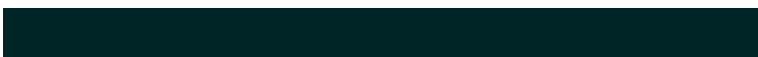
1A6ECE



5C6666



009EA6



002526

Previews

White Background



This preview shows how the Hex color CE221A looks on a white background.

Color Contrast Check

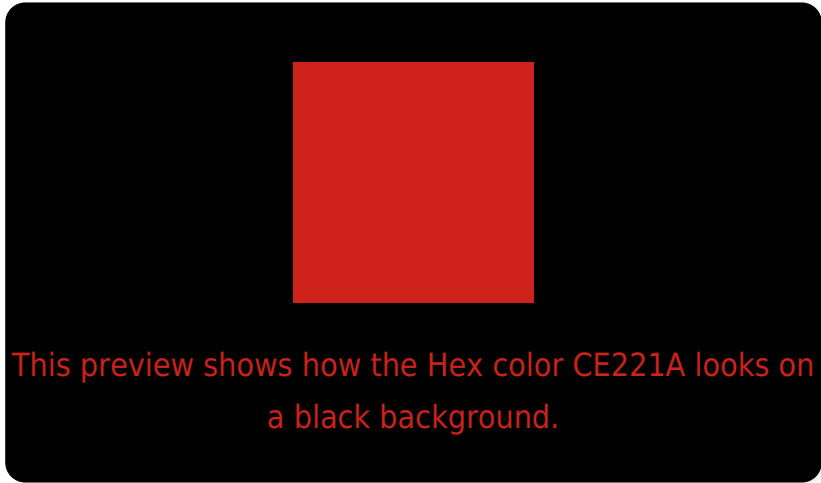
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE221A Background



This preview shows how black text looks on a background with the Hex color CE221A.



This preview shows how white text looks on a background with the Hex color CE221A.

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
CE221A

Protanopia
776B2B

Deuteranopia
876500

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE221A 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 #CE221A looks like.

```
.text, #text, p{  
    color:#CE221A  
}
```

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 #CE221A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE221A
}
```

Border

The CSS property to change the border of an element to Hex CE221A 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
#CE221A }
```

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

```
.border{ border-color:#CE221A }
```

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

Here you see how a box with a 4 pixel #CE221A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE221A; -webkit-box-shadow:4px 4px  
4px 4px #CE221A; box-shadow:4px 4px 4px  
4px #CE221A }
```

Background

The CSS property to change the background color of an element to Hex CE221A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE221A }
```

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

```
.background{ background-color:#CE221A }
```

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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