

Converting Colors

Hex(CE2202)

Have a look what the booklet for
Hex(CE2202) contains.

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Color

Hex(CE2202)

Conversions

Conversions Part 1

Format	Color
Hex	CE2202
RGB	206, 34, 2
RGB Percent	81%, 13%, 1%
CMY	0.1922, 0.8667, 0.9922
CMYK	0.00, 0.83, 0.99, 0.19
HSL	9°, 98%, 41%
HSV	9°, 99%, 81%
XYZ	26.0366, 14.2702, 1.4396
YIQ	81.7800, 112.7840, 26.5120

Conversions

Conversions Part 2

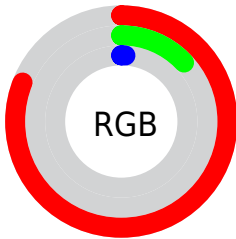
Format	Color
R_{YB}	206, 40, 2
Decimal	13509122
CIE _{Lab}	44.62, 63.44, 57.22
CIE _{LCh}	45, 85.436, 42.049
Yxy	14.2702, 0.6237, 0.3418
Android (android.graphics.Color)	4291699202 (0xFFCE2202)
YUV	81.7800, -39.3315, 108.9409
Hunter-Lab	37.7760, 56.9207, 24.1837

Details

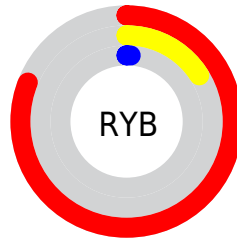
The Hex color **CE2202** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **02AECE**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF6238**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CE2000**, and if you desaturate by 10%, it is **CE3317**.

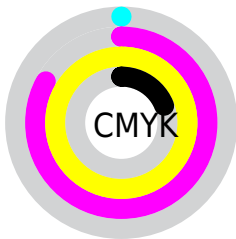
Distribution



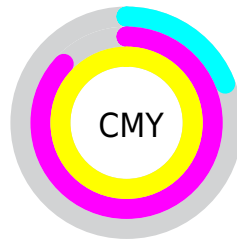
- Red (81%)
- Green (13%)
- Blue (1%)



- Red (81%)
- Yellow (16%)
- Blue (1%)



- Cyan (0%)
- Magenta (83%)
- Yellow (99%)
- Black (19%)



- Cyan (19%)
- Magenta (87%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE2202 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 CE2202 by changing the saturation by 10% instead.

 CE2202

 CE2202

 FFFFF4

 AE0000

 FF6238

 8D0000

 FF7E51

 6E0000

 FF9B6A

 500001

 FFB884

 320002

 FFD59F

 000000

 FFF3BB

 FFFFD7

 CE2202

 CE2202

■ CE2000

■ CE3317

■ CE452B

■ CE5640

■ CE6754

■ CE7969

■ CE8A7E

■ CE9C92

■ CEADA7

■ CEBEBB

Harmonies

Analogous

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



E00051



CE2202



A35600

Triad

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



CE2202



00833A



006AF8

Complementary

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



CE2202



02AECE

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.



007EF3



CE2202



008686

Square

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



CE2202



007D00



0085C9



8A43D5

Rectangle

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



CE2202



7D6900



0085C9



0073FB

Sweetspot

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



CE2202



FFBFB3



CE02AF



805952



000000



808080

Same Dimension

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



CE2202



FF2800



CE8702



665D5C



A61A00



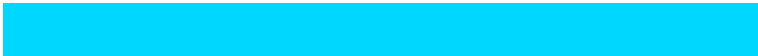
260600

Inverse Universe

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



02AECE



00D7FF



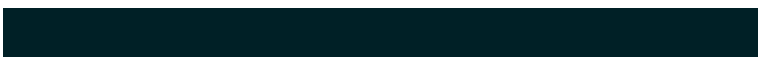
0249CE



5C6466



008CA6



002026

Previews

White Background



This preview shows how the Hex color CE2202 looks on a white background.

Color Contrast Check

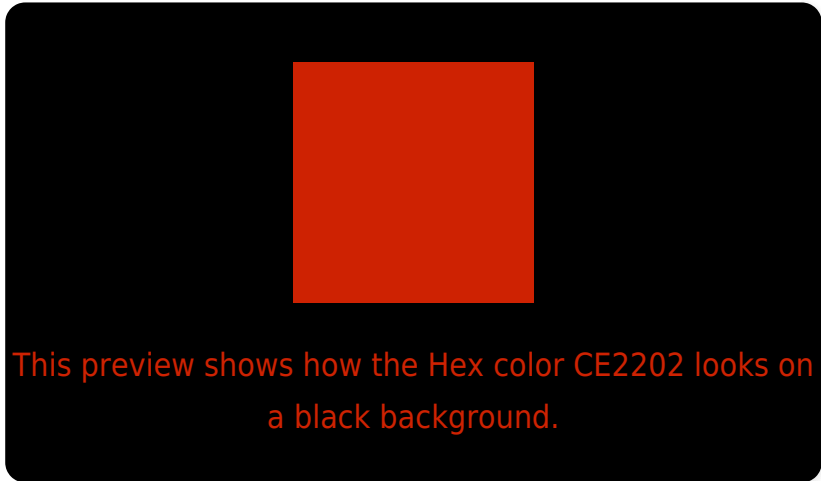
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE2202 Background



This preview shows how black text looks on a background with the Hex color CE2202.



This preview shows how white text looks on a background with the Hex color CE2202.

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

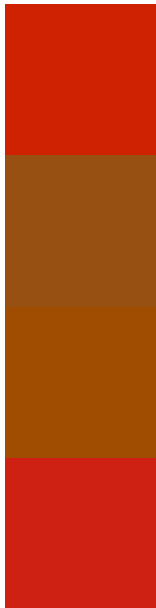


Original Color
CE2202

Protanopia
786B19

Deuteranopia
866500

Trichromacy



Original Color
CE2202

Protanomaly
975011

Deuteranomaly
A04D01

Tritanomaly
CE2114

Monochromacy



Original Color
CE2202

Achromatopsia
525252

Achromatomaly
7F4135

CSS Examples

Text

The CSS property to change the color of the text to Hex CE2202 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 #CE2202 looks like.

```
.text, #text, p{  
    color:#CE2202  
}
```

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 #CE2202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE2202
}
```

Border

The CSS property to change the border of an element to Hex CE2202 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".

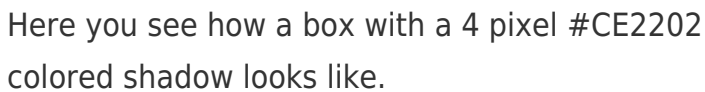
```
.border, #border, table{ border:4px solid
#CE2202 }
```

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

```
.border{ border-color:#CE2202 }
```

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

Here you see how a box with a 4 pixel #CE2202 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white with a red border and a red shadow that is offset to the right and bottom.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE2202; -webkit-box-shadow:4px 4px  
4px 4px #CE2202; box-shadow:4px 4px 4px  
4px #CE2202 }
```

Background

The CSS property to change the background color of an element to Hex CE2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE2202 }
```

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

```
.background{ background-color:#CE2202 }
```

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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