

Converting Colors

Hex(CE2120)

Have a look what the booklet for
Hex(CE2120) contains.

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Color

Hex(CE2120)

Conversions

Conversions Part 1

Format	Color
Hex	CE2120
RGB	206, 33, 32
RGB Percent	81%, 13%, 13%
CMY	0.1922, 0.8706, 0.8745
CMYK	0.00, 0.84, 0.84, 0.19
HSL	0°, 73%, 47%
HSV	0°, 84%, 81%
XYZ	26.2582, 14.3138, 2.7454
YIQ	84.6130, 103.4290, 36.3650

Conversions

Conversions Part 2

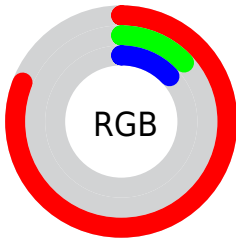
Format	Color
R_{YB}	206, 33, 32
Decimal	13508896
CIE Lab	44.68, 64.10, 45.97
CIE LCh	45, 78.878, 35.650
Yxy	14.3138, 0.6062, 0.3304
Android (android.graphics.Color)	4291698976 (0xFFCE2120)
YUV	84.6130, -25.9382, 106.4564
Hunter-Lab	37.8336, 57.6780, 22.1812

Details

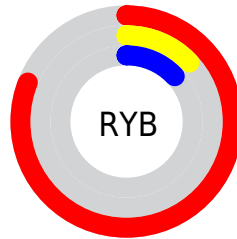
The Hex color **CE2120** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **20CDCE**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF624E**, and **8E0000** is the 20% darker color. If you saturate the color by 10%, you get **CE0D0B**, and if you desaturate by 10%, it is **CE3535**.

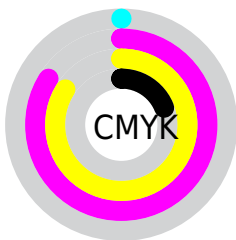
Distribution



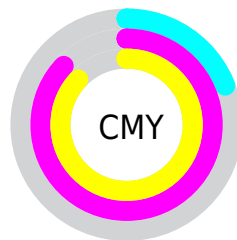
- Red (81%)
- Green (13%)
- Blue (13%)



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



- Cyan (0%)
- Magenta (84%)
- Yellow (84%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color CE2120 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 CE2120 by changing the saturation by 10% instead.

 CE2120

 CE2120

FFFFFF

 AE0009

 FF624E

 8E0000

 FF7E67

 6F0000

 FF9B81

 500002

 FFB89B

 330002

 FFD5B6

 000000

 FFF3D2

 FFFFEE

 CE2120

 CE2120

 CE0D0B

 CE3535

 CE0100

 CE4A49

 CE5E5E

 CE7372

 CE8787

 CE9C9C

 CEB0B0

 CEC5C5

 CED9D9

Harmonies

Analogous

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



D80060



CE2120



AB5100

Triad

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



CE2120



00812E



006FEF

Complementary

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



CE2120



20CDCE

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.



007FE3



CE2120



008475

Square

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



CE2120



297A00



0084B6



7351D6

Rectangle

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



CE2120



896400



0084B6



0076EF

Sweetspot

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



CE2120



FFC0BF



CE20CE



805959



000000



808080

Same Dimension

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



CE2120



FF0100



CE7720



665C5C



A60100



260000

Inverse Universe

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



20CDCE



00FEFF



2077CE



5C6666



00A5A6



002626

Previews

White Background



This preview shows how the Hex color CE2120 looks on a white background.

Color Contrast Check

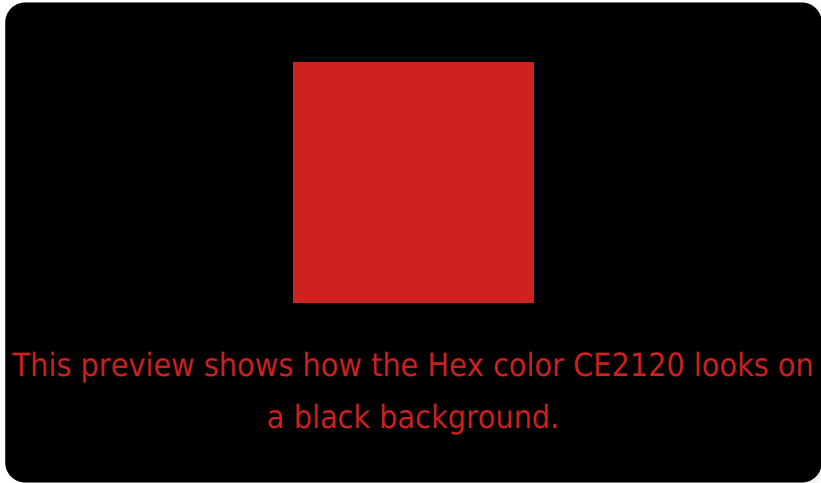
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE2120 Background



This preview shows how black text looks on a background with the Hex color CE2120.



This preview shows how white text looks on a background with the Hex color CE2120.

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
CE2120

Protanopia
766B32

Deuteranopia
876500

Trichromacy



Original Color
CE2120

Protanomaly
96502B

Deuteranomaly
A14C0C

Tritanomaly
CE211F

Monochromacy



Original Color
CE2120

Achromatopsia
555555

Achromatomaly
814242

CSS Examples

Text

The CSS property to change the color of the text to Hex CE2120 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 #CE2120 looks like.

```
.text, #text, p{  
    color:#CE2120  
}
```

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 #CE2120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE2120  
}
```

Border

The CSS property to change the border of an element to Hex CE2120 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  
#CE2120 }
```

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

```
.border{ border-color:#CE2120 }
```

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

Here you see how a box with a 4 pixel #CE2120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE2120; -webkit-box-shadow:4px 4px  
4px 4px #CE2120; box-shadow:4px 4px 4px  
4px #CE2120 }
```

Background

The CSS property to change the background color of an element to Hex CE2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE2120 }
```

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

```
.background{ background-color:#CE2120 }
```

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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