

Converting Colors

Hex(CA1E4C)

Have a look what the booklet for
Hex(CA1E4C) contains.

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Color

Hex(CA1E4C)

Conversions

Conversions Part 1

Format	Color
Hex	CA1E4C
RGB	202, 30, 76
RGB Percent	79%, 12%, 30%
CMY	0.2078, 0.8824, 0.7020
CMYK	0.00, 0.85, 0.62, 0.21
HSL	344°, 74%, 45%
HSV	344°, 85%, 79%
XYZ	26.1259, 14.0069, 8.1641
YIQ	86.6720, 87.7460, 50.7700

Conversions

Conversions Part 2

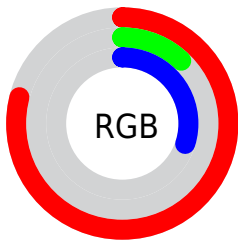
Format	Color
R_{YB}	202, 30, 76
Decimal	13246028
CIE Lab	44.24, 65.43, 19.53
CIE LCh	44, 68.283, 16.620
Yxy	14.0069, 0.5409, 0.2900
Android (android.graphics.Color)	4291436108 (0xFFCA1E4C)
YUV	86.6720, -5.2613, 101.1427
Hunter-Lab	37.4258, 59.1107, 13.2645

Details

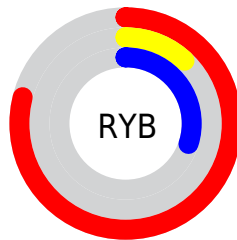
The Hex color **CA1E4C** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **1ECA9C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF607C**, and **8C0021** is the 20% darker color. If you saturate the color by 10%, you get **CA0A3D**, and if you desaturate by 10%, it is **CA325B**.

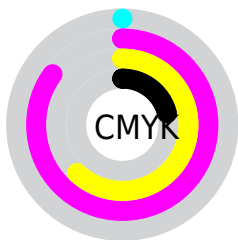
Distribution



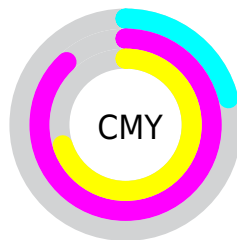
- Red (79%)
- Green (12%)
- Blue (30%)



- Red (79%)
- Yellow (12%)
- Blue (30%)



- Cyan (0%)
- Magenta (85%)
- Yellow (62%)
- Black (21%)



- Cyan (21%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA1E4C 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 CA1E4C by changing the saturation by 10% instead.

 CA1E4C

 CA1E4C

FFFFFF

 AB0036

 FF607C

 8C0021

 FF7D96

 6E000B

 FF9AB1

 500002

 FFB7CC

 320002

 FFD4E8

 000000

 FFF2FF

 CA1E4C

 CA1E4C

 CA0A3D

 CA325B

■ CA0036

■ CA466A

■ CA5B78

■ CA6F87

■ CA8396

■ CA97A5

■ CAABB4

■ CAC0C2

■ CAD4D1

Harmonies

Analogous

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



BF2385



CA1E4C



B94013

Triad

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



CA1E4C



027A06



0077D8

Complementary

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



CA1E4C



1ECA9C

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.



007FBB



CA1E4C



007F4C

Square

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



CA1E4C



627000



008188



0065D7

Rectangle

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



CA1E4C



A25400



008188



007AD2

Sweetspot

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



CA1E4C



FFBDCE



991ECA



805863



000000



808080

Same Dimension

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



CA1E4C



FF0044



CA431E



665C5F



A6002C



26000A

Inverse Universe

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



CA1E4C



FF0044



1EA5CA



665C5F



A6002C



26000A

Previews

White Background



This preview shows how the Hex color CA1E4C looks on a white background.

Color Contrast Check

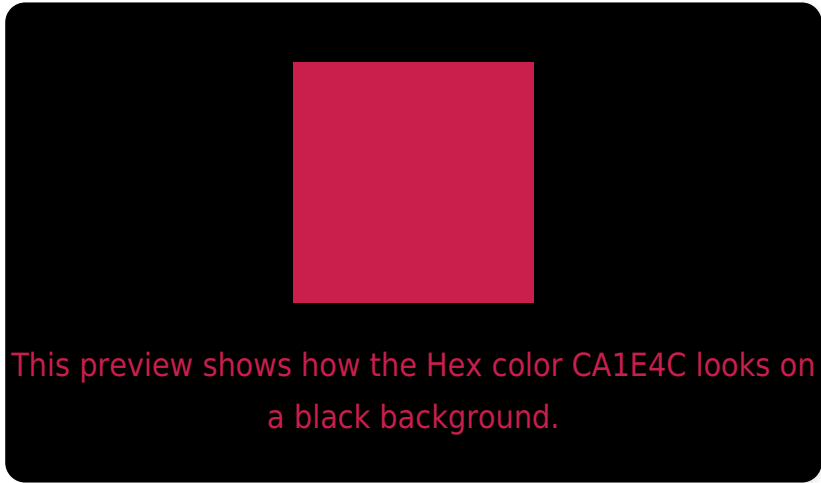
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA1E4C Background



This preview shows how black text looks on a background with the Hex color CA1E4C.



This preview shows how white text looks on a background with the Hex color CA1E4C.

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

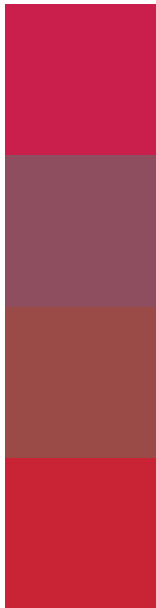


Original Color
CA1E4C

Protanopia
6B696C

Deuteranopia
7F6544

Trichromacy



Original Color
CA1E4C

Protanomaly
8E4E60

Deuteranomaly
9A4B47

Tritanomaly
C92435

Monochromacy



Original Color
CA1E4C

Achromatopsia
575757

Achromatomaly
814253

CSS Examples

Text

The CSS property to change the color of the text to Hex CA1E4C 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 #CA1E4C looks like.

```
.text, #text, p{  
    color:#CA1E4C  
}
```

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 #CA1E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA1E4C
}
```

Border

The CSS property to change the border of an element to Hex CA1E4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

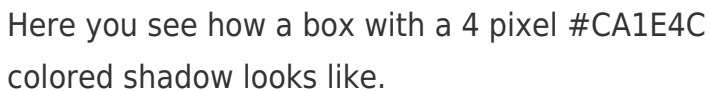
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA1E4C }
```

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

```
.border{ border-color:#CA1E4C }
```

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



Here you see how a box with a 4 pixel `#CA1E4C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA1E4C; -webkit-box-shadow:4px 4px  
4px 4px #CA1E4C; box-shadow:4px 4px 4px  
4px #CA1E4C }
```

Background

The CSS property to change the background color of an element to Hex CA1E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA1E4C }
```

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

```
.background{ background-color:#CA1E4C }
```

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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