

Converting Colors

Hex(CA1510)

Have a look what the booklet for
Hex(CA1510) contains.

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Color

Hex(CA1510)

Conversions

Conversions Part 1

Format	Color
Hex	CA1510
RGB	202, 21, 16
RGB Percent	79%, 8%, 6%
CMY	0.2078, 0.9176, 0.9373
CMYK	0.00, 0.90, 0.92, 0.21
HSL	2°, 85%, 43%
HSV	2°, 92%, 79%
XYZ	24.7188, 13.1303, 1.7218
YIQ	74.5490, 109.4810, 36.8170

Conversions

Conversions Part 2

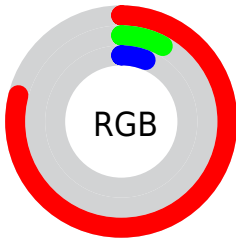
Format	Color
RYB	202, 21, 16
Decimal	13243664
CIELab	42.96, 65.02, 51.45
CIElCh	43, 82.916, 38.356
Yxy	13.1303, 0.6247, 0.3318
Android (android.graphics.Color)	4291433744 (0xFFCA1510)
YUV	74.5490, -28.8647, 111.7745
Hunter-Lab	36.2358, 58.3541, 22.5478

Details

The Hex color **CA1510** 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 **10C5CA**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B40**, and **8A0000** is the 20% darker color. If you saturate the color by 10%, you get **CA0500**, and if you desaturate by 10%, it is **CA2924**.

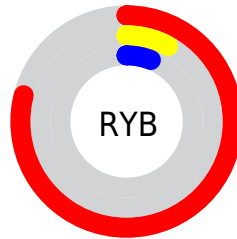
Distribution



Red (79%)

Green (8%)

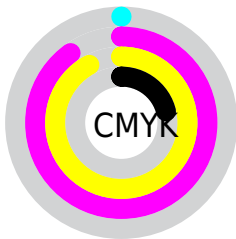
Blue (6%)



Red (79%)

Yellow (8%)

Blue (6%)

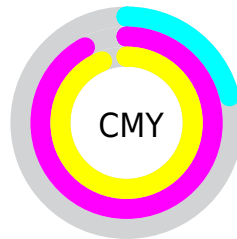


Cyan (0%)

Magenta (90%)

Yellow (92%)

Black (21%)



Cyan (21%)

Magenta (92%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA1510 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 CA1510 by changing the saturation by 10% instead.

 CA1510

 CA1510

 FFFFFB

 AA0000

 FF5B40

 8A0000

 FF7858

 6A0000

 FF9572

 4C0002

 FFB28C

 2E0002

 FFCFA6

 000000

 FFECC2

 FFFFDE

 CA1510

 CA1510

■ CA0500

■ CA2924

■ CA3C38

■ CA504D

■ CA6461

■ CA7775

■ CA8B89

■ CA9F9D

■ CAB2B2

■ CAC6C6

Harmonies

Analogous

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



D80056



CA1510



A34E00

Triad

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



CA1510



007E2E



0069F0

Complementary

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



CA1510



10C5CA

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.



007AE7



CA1510



008078

Square

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



CA1510



017700



0080BA



7847D3

Rectangle

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



CA1510



806200



0080BA



0071F2

Sweetspot

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



CA1510



FFBAB8



CA10C7



805554



000000



808080

Same Dimension

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



CA1510



FF0700



CA7010



665C5C



A60400



260100

Inverse Universe

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



10C5CA



00F8FF



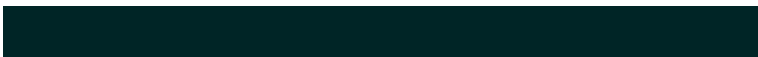
106ACA



5C6666



00A1A6



002526

Previews

White Background



This preview shows how the Hex color CA1510 looks on a white background.

Color Contrast Check

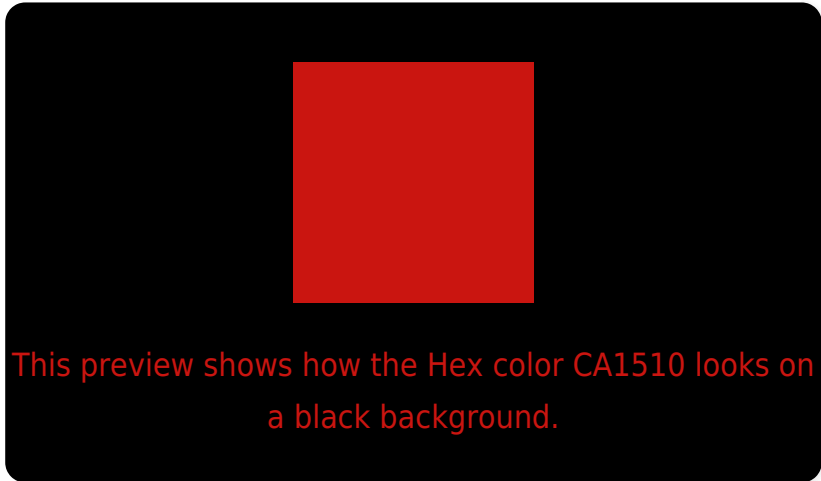
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA1510 Background



This preview shows how black text looks on a background with the Hex color CA1510.



This preview shows how white text looks on a background with the Hex color CA1510.

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

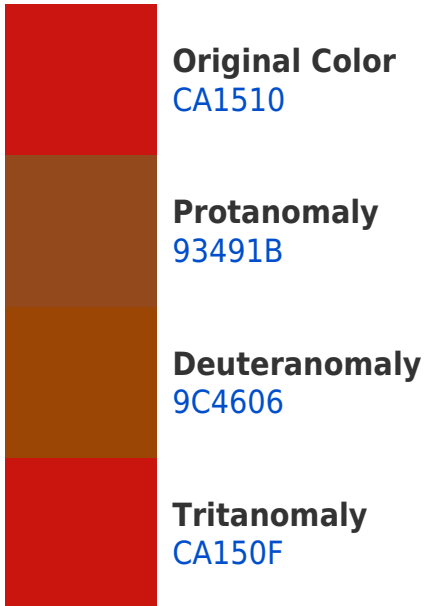


Original Color
CA1510

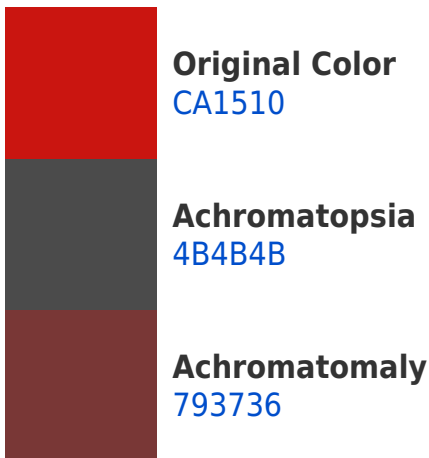
Protanopia
736721

Deuteranopia
826200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA1510 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 #CA1510 looks like.

```
.text, #text, p{  
    color:#CA1510  
}
```

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 #CA1510 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA1510  
}
```

Border

The CSS property to change the border of an element to Hex CA1510 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".

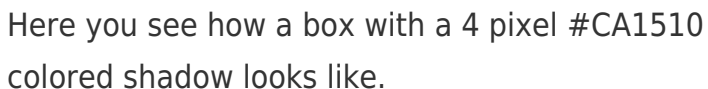
```
.border, #border, table{ border:4px solid  
#CA1510 }
```

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

```
.border{ border-color:#CA1510 }
```

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

Here you see how a box with a 4 pixel #CA1510 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA1510; -webkit-box-shadow:4px 4px  
4px 4px #CA1510; box-shadow:4px 4px 4px  
4px #CA1510 }
```

Background

The CSS property to change the background color of an element to Hex CA1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA1510 }
```

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

```
.background{ background-color:#CA1510 }
```

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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