

# Converting Colors

Hex(CA1414)

Have a look what the booklet for  
Hex(CA1414) contains.

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**Color**

**Hex(CA1414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA1414
RGB	202, 20, 20
RGB Percent	79%, 8%, 8%
CMY	0.2078, 0.9216, 0.9216
CMYK	0.00, 0.90, 0.90, 0.21
HSL	0°, 82%, 44%
HSV	0°, 90%, 79%
XYZ	24.7335, 13.1074, 1.8882
YIQ	74.4180, 108.4720, 38.5840

# Conversions

## Conversions Part 2

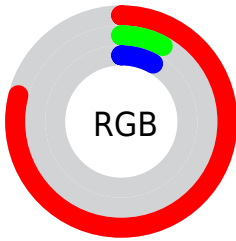
Format	Color
R <sub>Y</sub> B	202, 20, 20
Decimal	13243412
CIE Lab	42.92, 65.23, 49.83
CIE LCh	43, 82.084, 37.374
Yxy	13.1074, 0.6226, 0.3299
Android (android.graphics.Color)	4291433492 (0xFFCA1414)
YUV	74.4180, -26.8281, 111.8894
Hunter-Lab	36.2041, 58.5886, 22.2507

# Details

The Hex color **CA1414** 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 **14CACA**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5B43**, and **8A0000** is the 20% darker color. If you saturate the color by 10%, you get **CA0000**, and if you desaturate by 10%, it is **CA2828**.

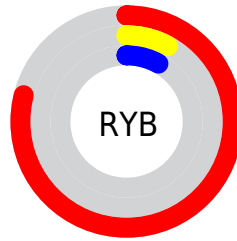
# Distribution



Red (79%)

Green (8%)

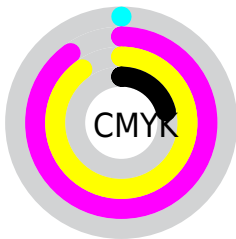
Blue (8%)



Red (79%)

Yellow (8%)

Blue (8%)

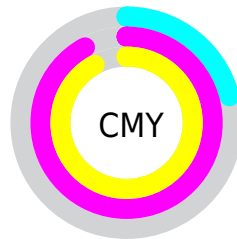


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (21%)



Cyan (21%)

Magenta (92%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA1414 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 CA1414 by changing the saturation by 10% instead.



 CA1414

 CA1414

FFFFFFE

 AA0000

 FF5B43

 8A0000

 FF785B

 6A0000

 FF9475

 4C0002

 FFB18F

 2E0002

 FFCFAA

 000000

 FFECC5

 FFFFE1

 CA1414

 CA1414

■ CA0000

■ CA2828

■ CA3C3C

■ CA5151

■ CA6565

■ CA7979

■ CA8D8D

■ CAA1A1

■ CAB6B6

■ CACACA

# Harmonies

## Analogous

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



D70058



CA1414



A44D00

# Triad

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



CA1414



007D2C



006AEF

# Complementary

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



CA1414



14CACA

# 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.



007AE5



CA1414



008075

# Square

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



CA1414



107700



0080B7



7448D3

# Rectangle

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



CA1414



816100



0080B7



0071F0



# Sweetspot

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



CA1414



FFBABA



CA14CA



805757



000000



808080



# Same Dimension

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



CA1414



FF0000



CA6F14



665C5C



A60000



260000



# Inverse Universe

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



14CACA



00FFFF



146FCA



5C6666



00A6A6



002626



# Previews

## White Background



This preview shows how the Hex color CA1414 looks on a white background.

## Color Contrast Check

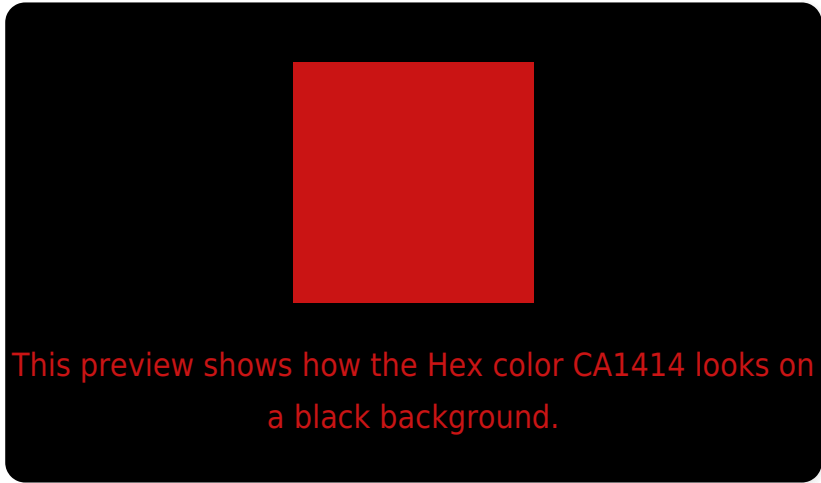
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA1414 Background



This preview shows how black text looks on a background with the Hex color CA1414.



This preview shows how white text looks on a background with the Hex color CA1414.

# 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**  
CA1414

**Protanopia**  
736725

**Deuteranopia**  
826200



# Trichromacy



**Original Color**  
CA1414

**Protanomaly**  
93491F

**Deuteranomaly**  
9C4607

**Tritanomaly**  
CA1510

# Monochromacy



**Original Color**  
CA1414

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
793636

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA1414 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 #CA1414 looks like.

```
.text, #text, p{  
    color:#CA1414  
}
```

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 #CA1414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA1414
}
```

## Border

The CSS property to change the border of an element to Hex CA1414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

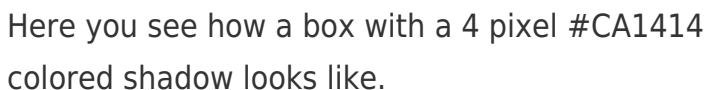
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA1414 }
```

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

```
.border{ border-color:#CA1414 }
```

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



Here you see how a box with a 4 pixel #CA1414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA1414; -webkit-box-shadow:4px 4px  
4px 4px #CA1414; box-shadow:4px 4px 4px  
4px #CA1414 }
```

# Background

The CSS property to change the background color of an element to Hex CA1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA1414 }
```

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

```
.background{ background-color:#CA1414 }
```

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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