

# Converting Colors

Hex(CA4B4B)

Have a look what the booklet for  
Hex(CA4B4B) contains.

<b>Hex(CA4B4B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(CA4B4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA4B4B
RGB	202, 75, 75
RGB Percent	79%, 29%, 29%
CMY	0.2078, 0.7059, 0.7059
CMYK	0.00, 0.63, 0.63, 0.21
HSL	0°, 55%, 54%
HSV	0°, 63%, 79%
XYZ	28.1432, 18.0967, 8.6663
YIQ	112.9730, 75.6920, 26.9240

# Conversions

## Conversions Part 2

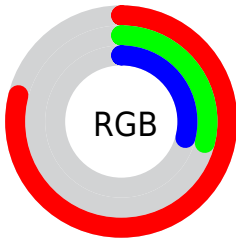
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">202, 75, 75</a>
Decimal	<a href="#">13257547</a>
CIELab	<a href="#">49.61, 50.44, 27.10</a>
CIElCh	<a href="#">50, 57.260, 28.242</a>
Yxy	<a href="#">18.0967, 0.5126, 0.3296</a>
Android (android.graphics.Color)	<a href="#">4291447627 (0xFFCA4B4B)</a>
YUV	<a href="#">112.9730, -18.7207, 78.0767</a>
Hunter-Lab	<a href="#">42.5402, 43.6443, 17.6996</a>

# Details

The Hex color **CA4B4B** 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 **4BCACA**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF817C**, and **8E0C1F** is the 20% darker color. If you saturate the color by 10%, you get **CA3737**, and if you desaturate by 10%, it is **CA5F5F**.

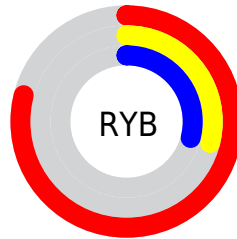
# Distribution



Red (79%)

Green (29%)

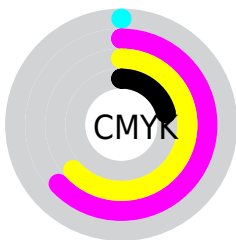
Blue (29%)



Red (79%)

Yellow (29%)

Blue (29%)

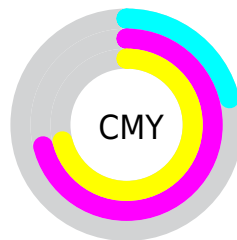


Cyan (0%)

Magenta (63%)

Yellow (63%)

Black (21%)



Cyan (21%)

Magenta (71%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA4B4B 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 CA4B4B by changing the saturation by 10% instead.



 CA4B4B

 CA4B4B

FFFFFF

 AC2F34

 FF817C

 8E0C1F

 FF9D96

 700009

 FFB9B0

 530000

 FFD5CC

 380002

 FFF3E8

 0E0000

 000000

 CA4B4B

 CA4B4B

 CA3737

 CA5F5F

 CA2323

 CA7373

 CA0E0E

 CA8888

 CA0000

 CA9C9C

 CAB0B0

 CAC4C4

 CAD8D8

 CAEDED

 CAFFFF

# Harmonies

## Analogous

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



CA447B



CA4B4B



B45F20

# Triad

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



CA4B4B



008840



007DD8

# Complementary

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



CA4B4B



4BCACA

# 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.



0088C8



CA4B4B



008C71

# Square

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



CA4B4B



608011



008CA3



6F6ACC

# Rectangle

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



CA4B4B



9D6D02



008CA3



0081D5



# Sweetspot

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



CA4B4B



FFCFCF



CA4BCA



806262



000000



808080



# Same Dimension

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



CA4B4B



FF4040



CA8B4B



665C5C



A60000



260000



# Inverse Universe

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



4BCACA



40FFFF



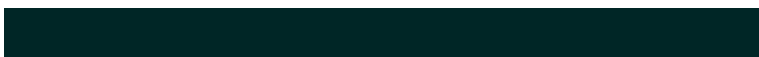
4B8BCA



5C6666



00A6A6

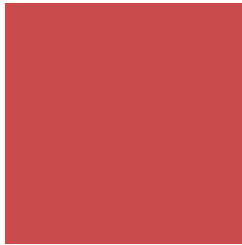


002626



# Previews

## White Background



This preview shows how the Hex color CA4B4B looks on a white background.

## Color Contrast Check

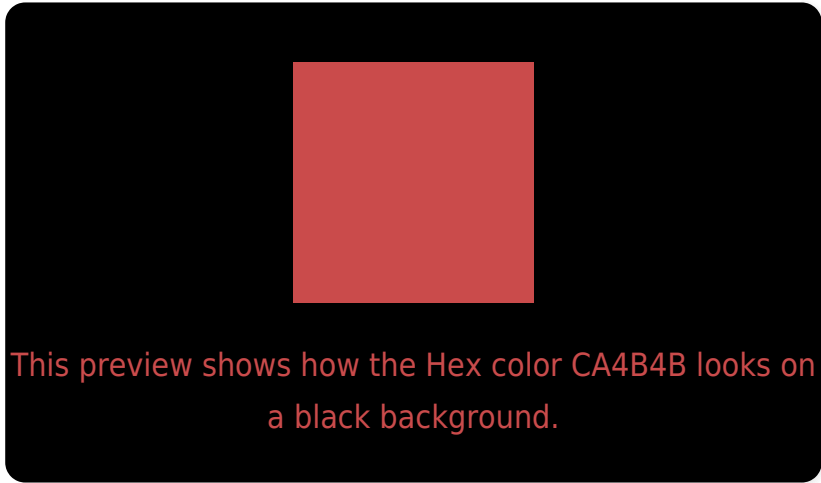
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CA4B4B Background



This preview shows how black text looks on a background with the Hex color CA4B4B.

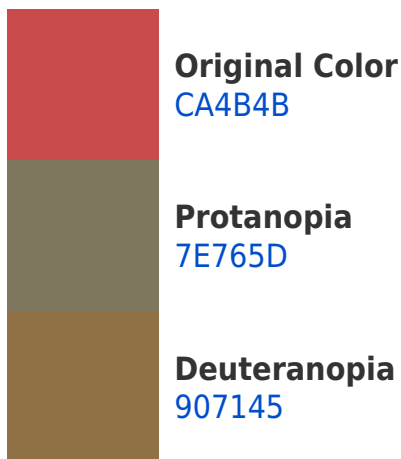


This preview shows how white text looks on a background with the Hex color CA4B4B.

# 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





**Tritanopia**  
CA4A4F

# Trichromacy



**Original Color**  
CA4B4B

**Protanomaly**  
9A6656

**Deuteranomaly**  
A56347

**Tritanomaly**  
CA4A4E

# Monochromacy



**Original Color**  
CA4B4B

**Achromatopsia**  
717171

**Achromatomaly**  
916363

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA4B4B 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 #CA4B4B looks like.

```
.text, #text, p{  
    color:#CA4B4B  
}
```

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 #CA4B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA4B4B
}
```

## Border

The CSS property to change the border of an element to Hex CA4B4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

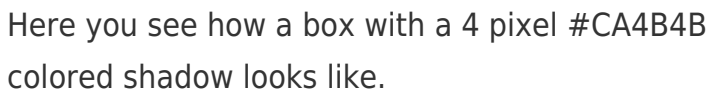
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA4B4B }
```

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

```
.border{ border-color:#CA4B4B }
```

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



Here you see how a box with a 4 pixel `#CA4B4B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA4B4B; -webkit-box-shadow:4px 4px  
4px 4px #CA4B4B; box-shadow:4px 4px 4px  
4px #CA4B4B }
```

# Background

The CSS property to change the background color of an element to Hex CA4B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA4B4B }
```

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

```
.background{ background-color:#CA4B4B }
```

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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