

Converting Colors

Hex(CA5151)

Have a look what the booklet for
Hex(CA5151) contains.

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Color

Hex(CA5151)

Conversions

Conversions Part 1

Format	Color
Hex	CA5151
RGB	202, 81, 81
RGB Percent	79%, 32%, 32%
CMY	0.2078, 0.6824, 0.6824
CMYK	0.00, 0.60, 0.60, 0.21
HSL	0°, 53%, 55%
HSV	0°, 60%, 79%
XYZ	28.7848, 19.0355, 9.9417
YIQ	117.1790, 72.1160, 25.6520

Conversions

Conversions Part 2

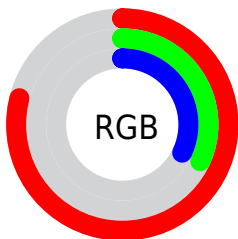
Format	Color
RYB	202, 81, 81
Decimal	13259089
CIELab	50.73, 48.15, 24.99
CIElCh	51, 54.247, 27.430
Yxy	19.0355, 0.4983, 0.3296
Android (android.graphics.Color)	4291449169 (0xFFCA5151)
YUV	117.1790, -17.8362, 74.3880
Hunter-Lab	43.6297, 41.4137, 17.0307

Details

The Hex color **CA5151** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **51CACA**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8782**, and **8E1824** is the 20% darker color. If you saturate the color by 10%, you get **CA3D3D**, and if you desaturate by 10%, it is **CA6565**.

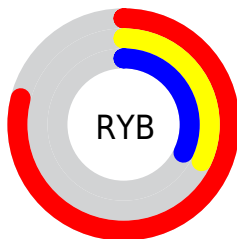
Distribution



Red (79%)

Green (32%)

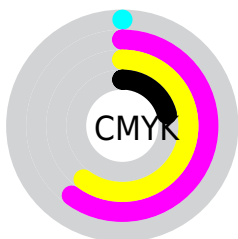
Blue (32%)



Red (79%)

Yellow (32%)

Blue (32%)

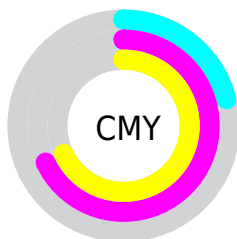


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (21%)



Cyan (21%)

Magenta (68%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA5151 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 CA5151 by changing the saturation by 10% instead.

 CA5151

 CA5151

FFFFFF

 AC363A

 FF8782

 8E1824

 FFA29C

 710010

 FFBE87

 540000

 FFDBD3

 3A0002

 FFF8EF

 130000

 000000

 CA5151

 CA5151

 CA3D3D

 CA6565

CA2929

CA7979

CA1414

CA8E8E

CA0000

CAA2A2

CAB6B6

CACACA

CADEDE

CAF3F3

CAFFFF

Harmonies

Analogous

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



C94C7F



CA5151



B66329

Triad

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



CA5151



1E8B44



007FD5

Complementary

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



CA5151



51CACA

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.



008AC6



CA5151



008E73

Square

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



CA5151



66831C



008EA2



716ECB

Rectangle

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



CA5151



A07014



008EA2



0084D3

Sweetspot

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



CA5151



FFD1D1



CA51CA



806363



000000



808080

Same Dimension

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



CA5151



FF4747



CA8E51



665C5C



A60000



260000

Inverse Universe

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



51CACA



47FFFF



518ECA



5C6666



00A6A6



002626

Previews

White Background



This preview shows how the Hex color CA5151 looks on a white background.

Color Contrast Check

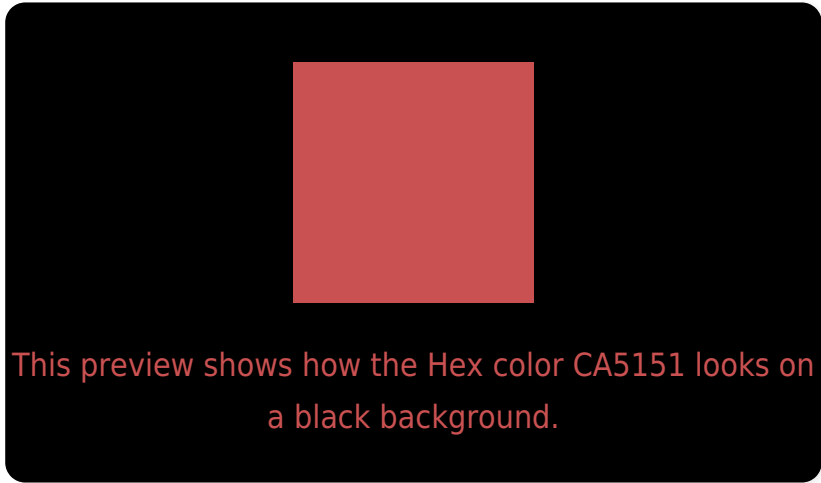
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 CA5151 Background



This preview shows how black text looks on a background with the Hex color CA5151.



This preview shows how white text looks on a background with the Hex color CA5151.

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

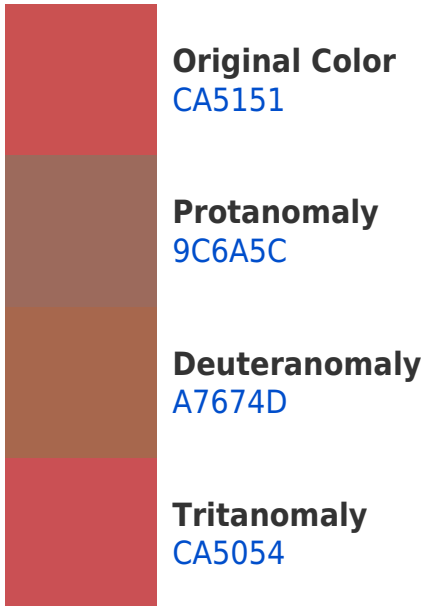


Original Color
CA5151

Protanopia
817962

Deuteranopia
93744B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA5151 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 #CA5151 looks like.

```
.text, #text, p{  
    color:#CA5151  
}
```

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 #CA5151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5151
}
```

Border

The CSS property to change the border of an element to Hex CA5151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

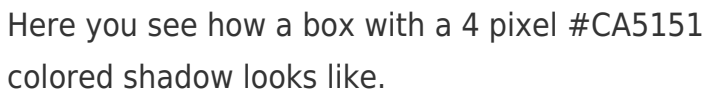
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA5151 }
```

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

```
.border{ border-color:#CA5151 }
```

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



Here you see how a box with a 4 pixel `#CA5151` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5151; -webkit-box-shadow:4px 4px  
4px 4px #CA5151; box-shadow:4px 4px 4px  
4px #CA5151 }
```

Background

The CSS property to change the background color of an element to Hex CA5151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5151 }
```

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

```
.background{ background-color:#CA5151 }
```

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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