

Converting Colors

Hex(CA5255)

Have a look what the booklet for
Hex(CA5255) contains.

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Color

Hex(CA5255)

Conversions

Conversions Part 1

Format	Color
Hex	CA5255
RGB	202, 82, 85
RGB Percent	79%, 32%, 33%
CMY	0.2078, 0.6784, 0.6667
CMYK	0.00, 0.59, 0.58, 0.21
HSL	358°, 53%, 56%
HSV	358°, 59%, 79%
XYZ	29.0141, 19.2470, 10.7802
YIQ	118.2220, 70.5570, 26.3730

Conversions

Conversions Part 2

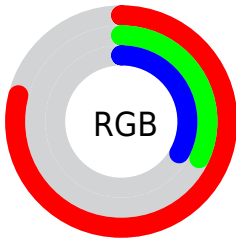
Format	Color
RYB	202, 82, 85
Decimal	13259349
CIELab	50.97, 47.98, 22.95
CIElCh	51, 53.183, 25.565
Yxy	19.2470, 0.4914, 0.3260
Android (android.graphics.Color)	4291449429 (0xFFCA5255)
YUV	118.2220, -16.3784, 73.4733
Hunter-Lab	43.8714, 41.2749, 16.1412

Details

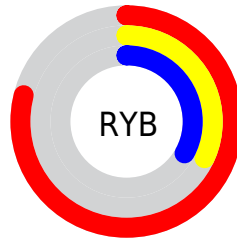
The Hex color **CA5255** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **52CAC7**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8887**, and **8E1928** is the 20% darker color. If you saturate the color by 10%, you get **CA3E41**, and if you desaturate by 10%, it is **CA6669**.

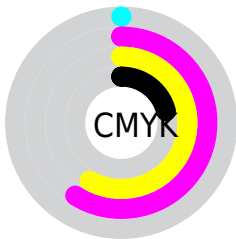
Distribution



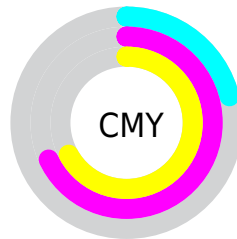
- Red (79%)
- Green (32%)
- Blue (33%)



- Red (79%)
- Yellow (32%)
- Blue (33%)



- Cyan (0%)
- Magenta (59%)
- Yellow (58%)
- Black (21%)



- Cyan (21%)
- Magenta (68%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA5255 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 CA5255 by changing the saturation by 10% instead.

 CA5255

 CA5255

FFFFFF

 AC373E

 FF8887

 8E1928

 FFA3A1

 710014

 FFBFBC

 550000

 FFDCD8

 3A0002

 FFF9F4

 140000

 000000

 CA5255

 CA5255

 CA3E41

 CA6669

■ CA2A2E

■ CA7A7C

■ CA151A

■ CA8F90

■ CA0106

■ CAA3A4

■ CA0005

■ CAB7B7

■ CACBCB

■ CADFDF

■ CAF4F3

■ CAFFFF

Harmonies

Analogous

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



C74E82



CA5255



B8632E

Triad

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



CA5255



2A8B43



0081D4

Complementary

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



CA5255



52CAC7

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.



008BC4



CA5255



008E71

Square

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



CA5255



6B821E



008F9F



6D70CC

Rectangle

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



CA5255



A36F1A



008F9F



0085D1

Sweetspot

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



CA5255



FFD1D2



C652CA



806364



000000



808080

Same Dimension

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



CA5255



FF4A4E



CA8A52



665C5C



A60004



260001

Inverse Universe

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



CA5255



FF4A4E



5292CA



665C5C



A60004



260001

Previews

White Background



This preview shows how the Hex color CA5255 looks on a white background.

Color Contrast Check

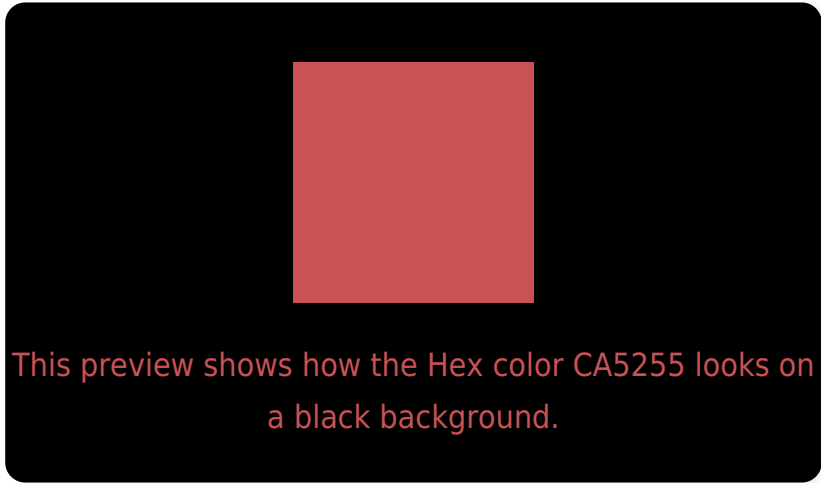
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA5255 Background



This preview shows how black text looks on a background with the Hex color CA5255.



This preview shows how white text looks on a background with the Hex color CA5255.

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

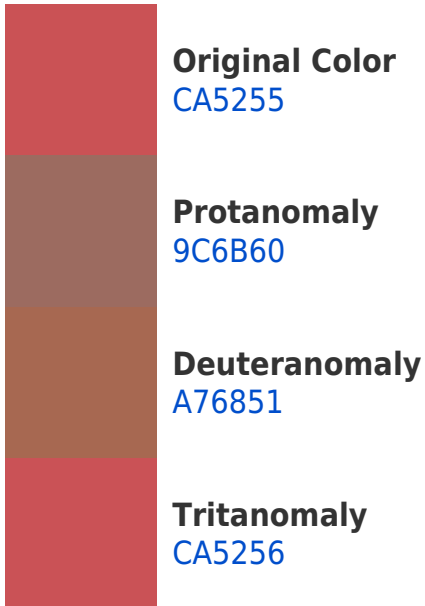


Original Color
CA5255

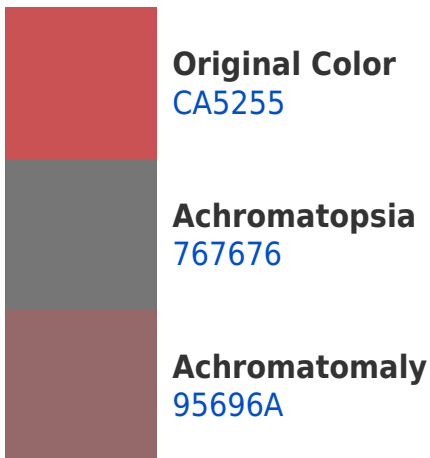
Protanopia
817A67

Deuteranopia
93754F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA5255 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 #CA5255 looks like.

```
.text, #text, p{  
    color:#CA5255  
}
```

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 #CA5255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5255
}
```

Border

The CSS property to change the border of an element to Hex CA5255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

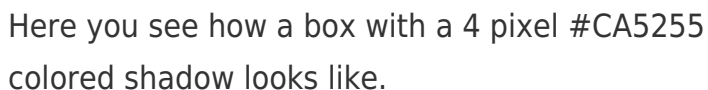
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA5255 }
```

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

```
.border{ border-color:#CA5255 }
```

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



Here you see how a box with a 4 pixel `#CA5255` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5255; -webkit-box-shadow:4px 4px  
4px 4px #CA5255; box-shadow:4px 4px 4px  
4px #CA5255 }
```

Background

The CSS property to change the background color of an element to Hex CA5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5255 }
```

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

```
.background{ background-color:#CA5255 }
```

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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