

# Converting Colors

Hex(CA5B53)

Have a look what the booklet for  
Hex(CA5B53) contains.

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# Color

**Hex(CA5B53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA5B53
RGB	202, 91, 83
RGB Percent	79%, 36%, 33%
CMY	0.2078, 0.6431, 0.6745
CMYK	0.00, 0.55, 0.59, 0.21
HSL	4°, 53%, 56%
HSV	4°, 59%, 79%
XYZ	29.6595, 20.6633, 10.6088
YIQ	123.2770, 68.7240, 21.0440

# Conversions

## Conversions Part 2

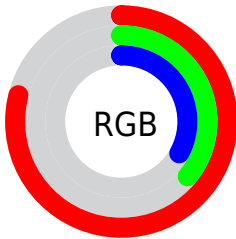
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 92, 83
Decimal	13261651
CIE <sub>Lab</sub>	52.58, 43.54, 26.21
CIE <sub>LCh</sub>	53, 50.820, 31.046
Yxy	20.6633, 0.4868, 0.3391
Android (android.graphics.Color)	4291451731 (0xFFCA5B53)
YUV	123.2770, -19.8566, 69.0401
Hunter-Lab	45.4569, 36.9176, 17.9826

# Details

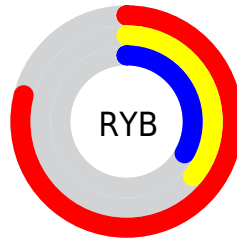
The Hex color **CA5B53** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **53C2CA**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9085**, and **8F2626** is the 20% darker color. If you saturate the color by 10%, you get **CA483F**, and if you desaturate by 10%, it is **CA6E67**.

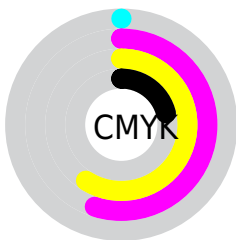
# Distribution



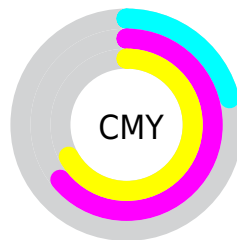
- Red (79%)
- Green (36%)
- Blue (33%)



- Red (79%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (55%)
- Yellow (59%)
- Black (21%)



- Cyan (21%)
- Magenta (64%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA5B53 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 CA5B53 by changing the saturation by 10% instead.



 CA5B53

 CA5B53

FFFFFF

 AC413C

 FF9085

 8F2626

 FFAC9F

 710411

 FFC8BA

 550000

 FFE4D6

 3A0001

 FFFFF2

 180001

 000000

 CA5B53

 CA5B53

 CA483F

 CA6E67

 CA352B

 CA817B

 CA2216

 CA9490

 CA1002

 CAA6A4

 CA0E00

 CAB9B8

 CACCCC

 CADFE0

 CAF2F5

 CAFFFF

# Harmonies

## Analogous

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



CB557E



CA5B53



B56B30

# Triad

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



CA5B53



238F51



0082D5

# Complementary

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



CA5B53



53C2CA

# 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.



008DC9



CA5B53



00927E

# Square

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



CA5B53



67882D



0092A9



8071C9

# Rectangle

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



CA5B53



A07721



0092A9



0086D4

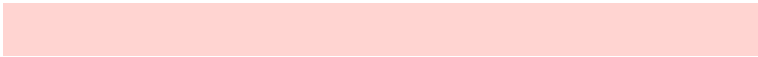


# Sweetspot

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



CA5B53



FFD4D1



CA53C2



806563



000000



808080



# Same Dimension

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



CA5B53



FF564A



CA9653



665C5C



A60B00



260300



# Inverse Universe

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



53C2CA



4AF3FF



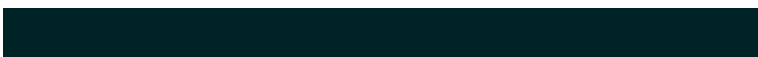
5387CA



5C6566



009BA6



002426



# Previews

## White Background



This preview shows how the Hex color CA5B53 looks on a white background.

## Color Contrast Check

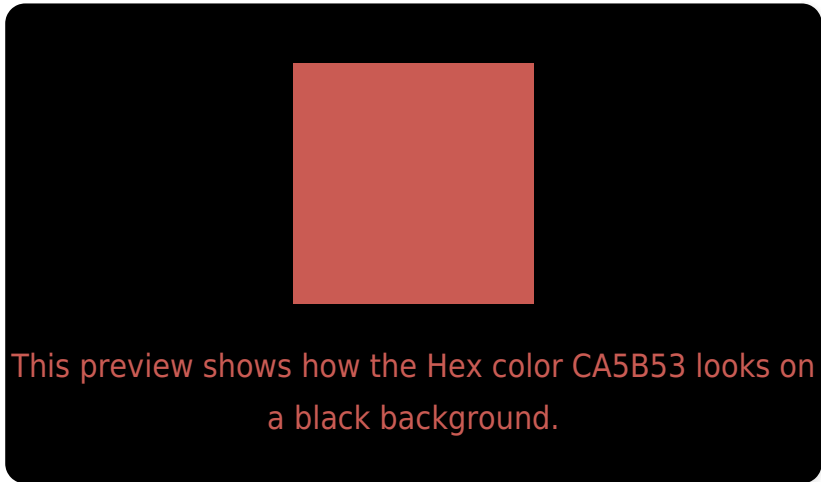
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA5B53 Background



This preview shows how black text looks on a background with the Hex color CA5B53.

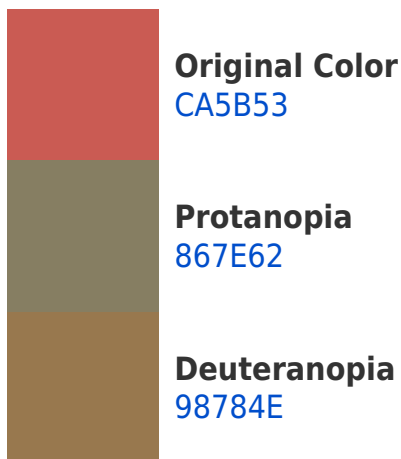


This preview shows how white text looks on a background with the Hex color CA5B53.

# Color Blindness Simulation

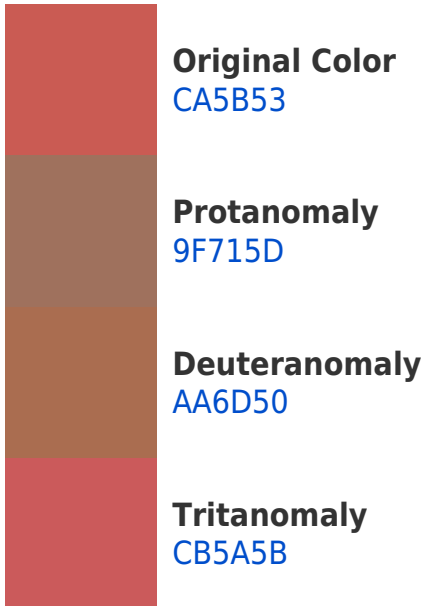
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

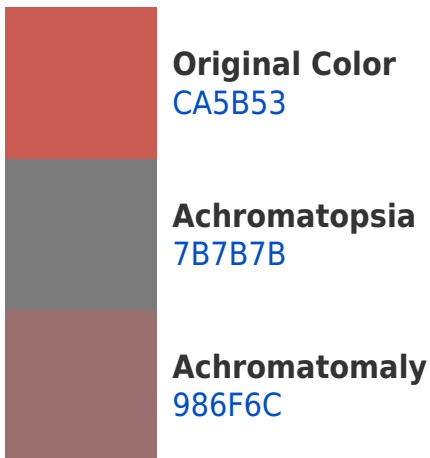




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA5B53 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 #CA5B53 looks like.

```
.text, #text, p{  
    color:#CA5B53  
}
```

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 #CA5B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5B53
}
```

## Border

The CSS property to change the border of an element to Hex CA5B53 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
#CA5B53 }
```

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

```
.border{ border-color:#CA5B53 }
```

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

Here you see how a box with a 4 pixel #CA5B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5B53; -webkit-box-shadow:4px 4px  
4px 4px #CA5B53; box-shadow:4px 4px 4px  
4px #CA5B53 }
```

# Background

The CSS property to change the background color of an element to Hex CA5B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5B53 }
```

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

```
.background{ background-color:#CA5B53 }
```

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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