

# Converting Colors

Hex(C55857)

Have a look what the booklet for  
Hex(C55857) contains.

<b>Hex(C55857)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(C55857)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C55857
RGB	197, 88, 87
RGB Percent	77%, 35%, 34%
CMY	0.2275, 0.6549, 0.6588
CMYK	0.00, 0.55, 0.56, 0.23
HSL	1°, 49%, 56%
HSV	1°, 56%, 77%
XYZ	28.2360, 19.5379, 11.2998
YIQ	120.4770, 65.2850, 22.7970

# Conversions

## Conversions Part 2

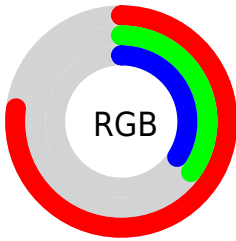
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 88, 87
Decimal	12933207
CIELab	51.31, 43.49, 22.07
CIElCh	51, 48.770, 26.901
Yxy	19.5379, 0.4780, 0.3307
Android (android.graphics.Color)	4291123287 (0xFFC55857)
YUV	120.4770, -16.5042, 67.1107
Hunter-Lab	44.2017, 36.6727, 15.7842

# Details

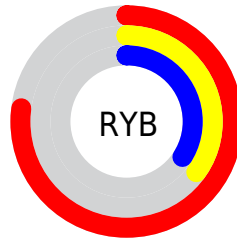
The Hex color **C55857** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **57C4C5**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8D89**, and **8A232A** is the 20% darker color. If you saturate the color by 10%, you get **C54443**, and if you desaturate by 10%, it is **C56C6B**.

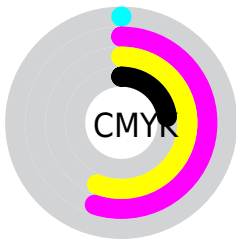
# Distribution



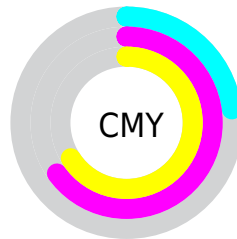
- Red (77%)
- Green (35%)
- Blue (34%)



- Red (77%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (55%)
- Yellow (56%)
- Black (23%)



- Cyan (23%)
- Magenta (65%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C55857 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 C55857 by changing the saturation by 10% instead.



 C55857

 C55857

FFFFFF

 A73E40

 FF8D89

 8A232A

 FFA8A3

 6D0015

 FFC4BE

 510000

 FFE1DA

 370001

 FFFEF6

 0F0000

 000000

 C55857

 C55857

 C54443

 C56C6B

 C53130

 C57F7E

 C51D1C

 C59392

 C50A08

 C5A6A6

 C50200

 C5BABA

 C5CDCD

 C5E1E1

 C5F4F5

 C5FFFF

# Harmonies

## Analogous

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



C35480



C55857



B46734

# Triad

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



C55857



338B4B



0080CD

# Complementary

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



C55857



57C4C5

# 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.



008ABF



C55857



008E74

# Square

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



C55857



6B832A



008E9F



7471C5

# Rectangle

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



C55857



A07224



008E9F



0084CB



# Sweetspot

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



C55857



FFD4D4



C557C5



806666



000000



808080



# Same Dimension

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



C55857



FF5654



C58E57



635A5A



A30100



240000



# Inverse Universe

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



57C4C5



54FDFF



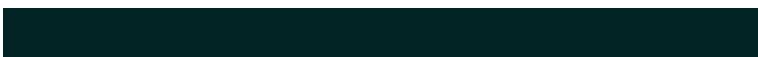
578EC5



5A6363



00A2A3



002324



# Previews

## White Background



This preview shows how the Hex color C55857 looks on a white background.

## Color Contrast Check

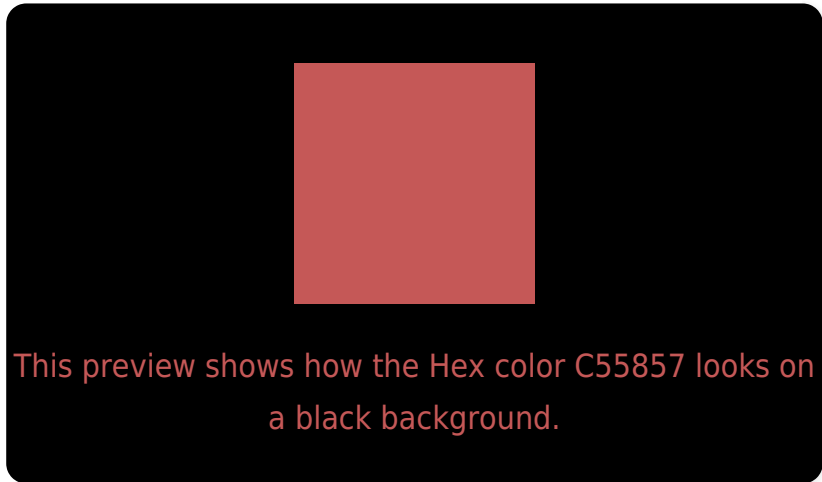
Large Text (above 18pt) WCAG AA ✓ Pass

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 C55857 Background



This preview shows how black text looks on a background with the Hex color C55857.



This preview shows how white text looks on a background with the Hex color C55857.

# 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**  
C5575D

# Trichromacy



**Original Color**  
C55857

**Protanomaly**  
9A6E61

**Deuteranomaly**  
A56A54

**Tritanomaly**  
C5575B

# Monochromacy



**Original Color**  
C55857

**Achromatopsia**  
787878

**Achromatomaly**  
946C6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C55857 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 #C55857 looks like.

```
.text, #text, p{  
    color:#C55857  
}
```

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 #C55857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C55857
}
```

## Border

The CSS property to change the border of an element to Hex C55857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

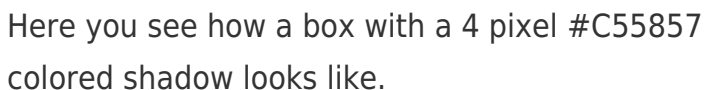
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C55857 }
```

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

```
.border{ border-color:#C55857 }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color and is applied to the bottom and right sides of the box, creating a 3D effect. The shadow is 4 pixels thick and 4 pixels wide on each side.

Here you see how a box with a 4 pixel `#C55857` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C55857; -webkit-box-shadow:4px 4px  
4px 4px #C55857; box-shadow:4px 4px 4px  
4px #C55857 }
```

# Background

The CSS property to change the background color of an element to Hex C55857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C55857 }
```

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

```
.background{ background-color:#C55857 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor