

# Converting Colors

Hex(CE5E55)

Have a look what the booklet for  
Hex(CE5E55) contains.

<b>Hex(CE5E55)</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(CE5E55)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE5E55
RGB	206, 94, 85
RGB Percent	81%, 37%, 33%
CMY	0.1922, 0.6314, 0.6667
CMYK	0.00, 0.54, 0.59, 0.19
HSL	4°, 55%, 57%
HSV	4°, 59%, 81%
XYZ	31.0960, 21.7831, 11.1599
YIQ	126.4620, 69.6410, 20.9450

# Conversions

## Conversions Part 2

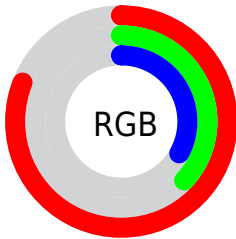
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 95, 85
Decimal	13524565
CIE Lab	53.80, 43.68, 26.74
CIE LCh	54, 51.218, 31.473
Yxy	21.7831, 0.4856, 0.3402
Android (android.graphics.Color)	4291714645 (0xFFCE5E55)
YUV	126.4620, -20.4408, 69.7548
Hunter-Lab	46.6724, 37.2510, 18.4937

# Details

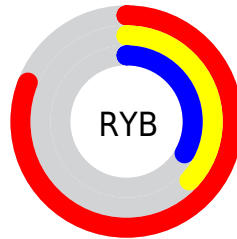
The Hex color **CE5E55** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **55C5CE**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9387**, and **922928** is the 20% darker color. If you saturate the color by 10%, you get **CE4B40**, and if you desaturate by 10%, it is **CE716A**.

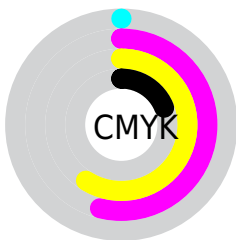
# Distribution



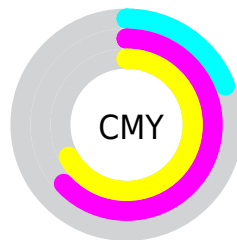
- Red (81%)
- Green (37%)
- Blue (33%)



- Red (81%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (54%)
- Yellow (59%)
- Black (19%)



- Cyan (19%)
- Magenta (63%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE5E55 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 CE5E55 by changing the saturation by 10% instead.



 CE5E55

 CE5E55

FFFFFF

 B0443E

 FF9387

 922928

 FFAFA1

 750913

 FFCBBC

 590000

 FFE8D8

 3D0000

 FFFFF4

 1F0001

 000000

 CE5E55

 CE5E55

 CE4B40

 CE716A

 CE382C

 CE847E

 CE2517

 CE9793

 CE1203

 CEAAA7

 CE0F00

 CEBDBC

 CED0D1

 CEE3E5

 CEF7FA

 CEFFFF

# Harmonies

## Analogous

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



CF5880



CE5E55



B96E32

# Triad

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



CE5E55



249354



0885D9

# Complementary

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



CE5E55



55C5CE

# 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.



0090CE



CE5E55



009681

# Square

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



CE5E55



698B30



0095AD



8474CC

# Rectangle

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



CE5E55



A37A23



0095AD



0089D8



# Sweetspot

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



CE5E55



FFD5D1



CE55C6



806663



000000



808080



# Same Dimension

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



CE5E55



FF5A4D



CE9A55



665D5C



A60C00



260300



# Inverse Universe

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



55C5CE



4DF2FF



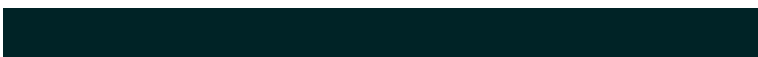
5589CE



5C6566



0099A6

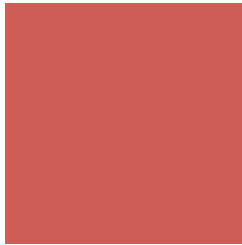


002326



# Previews

## White Background



This preview shows how the Hex color CE5E55 looks on a white background.

## Color Contrast Check

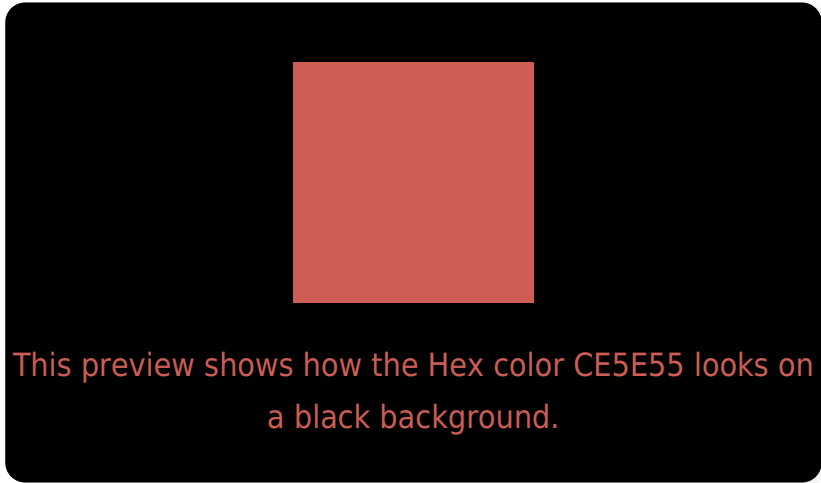
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE5E55 Background



This preview shows how black text looks on a background with the Hex color CE5E55.



This preview shows how white text looks on a background with the Hex color CE5E55.

# 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**  
CE5E55

**Protanopia**  
8A8164

**Deuteranopia**  
9C7B50



# Trichromacy



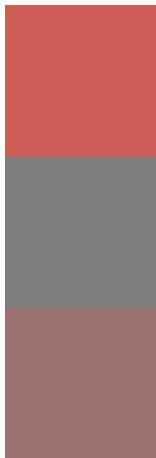
**Original Color**  
CE5E55

**Protanomaly**  
A3745F

**Deuteranomaly**  
AE7052

**Tritanomaly**  
CF5D5D

# Monochromacy



**Original Color**  
CE5E55

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
9B726F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE5E55 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 #CE5E55 looks like.

```
.text, #text, p{  
    color:#CE5E55  
}
```

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 #CE5E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5E55
}
```

## Border

The CSS property to change the border of an element to Hex CE5E55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

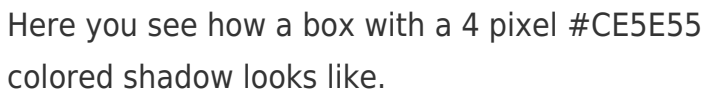
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE5E55 }
```

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

```
.border{ border-color:#CE5E55 }
```

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



Here you see how a box with a 4 pixel `#CE5E55` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5E55; -webkit-box-shadow:4px 4px  
4px 4px #CE5E55; box-shadow:4px 4px 4px  
4px #CE5E55 }
```

# Background

The CSS property to change the background color of an element to Hex CE5E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5E55 }
```

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

```
.background{ background-color:#CE5E55 }
```

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