

# Converting Colors

Hex(C63C25)

Have a look what the booklet for  
Hex(C63C25) contains.

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# Color

Hex(C63C25)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C63C25
RGB	198, 60, 37
RGB Percent	78%, 24%, 15%
CMY	0.2235, 0.7647, 0.8549
CMYK	0.00, 0.70, 0.81, 0.22
HSL	9°, 69%, 46%
HSV	9°, 81%, 78%
XYZ	25.2385, 15.3711, 3.3870
YIQ	98.6400, 89.6310, 22.1030

# Conversions

## Conversions Part 2

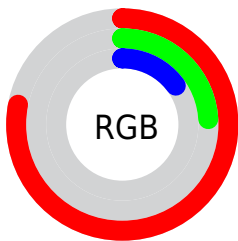
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 64, 37
Decimal	12991525
CIE <sub>Lab</sub>	46.14, 53.54, 44.24
CIE <sub>LCh</sub>	46, 69.448, 39.565
Yxy	15.3711, 0.5736, 0.3494
Android (android.graphics.Color)	4291181605 (0xFFC63C25)
YUV	98.6400, -30.3885, 87.1387
Hunter-Lab	39.2059, 46.2975, 22.3222

# Details

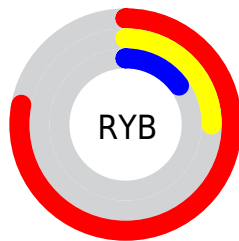
The Hex color **C63C25** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **25AFC6**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF7354**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C62B11**, and if you desaturate by 10%, it is **C64D39**.

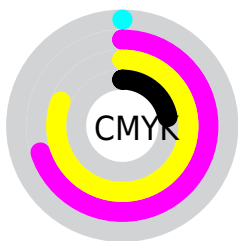
# Distribution



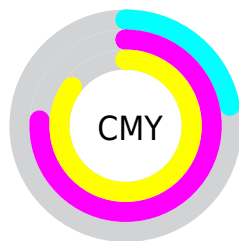
- Red (78%)
- Green (24%)
- Blue (15%)



- Red (78%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (70%)
- Yellow (81%)
- Black (22%)



- Cyan (22%)
- Magenta (76%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C63C25 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 C63C25 by changing the saturation by 10% instead.



 C63C25

 C63C25

FFFFFF

 A71D0E

 FF7354

 880000

 FF8F6D

 690000

 FFAB87

 4B0000

 FFC7A1

 300002

 FFE4BD

 000000

 FFFFD9

 FFFFF5

 C63C25

 C63C25

 C62B11

 C64D39

 C61C00

 C65E4D

 C66F60

 C68074

 C69188

 C6A29C

 C6B3B0

 C6C4C3

 C6D5D7

# Harmonies

## Analogous

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



D21E5D



C63C25



A45B00

# Triad

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



C63C25



008442



006FE2

# Complementary

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



C63C25



25AFC6

# 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.



007FDB



C63C25



00867F

# Square

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



C63C25



2F7D00



0085B7



8454C8

# Rectangle

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



C63C25



856B00



0085B7



0075E3



# Sweetspot

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



C63C25



FFCBC2



C625B1



80605B



000000



808080



# Same Dimension

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



C63C25



FF2905



C68B25



635B5A



A31700



240500



# Inverse Universe

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



25AFC6



05DBFF



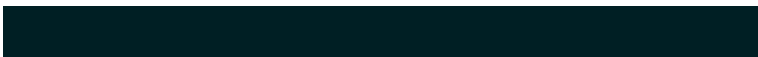
2560C6



5A6263



008CA3



001F24



# Previews

## White Background



This preview shows how the Hex color C63C25 looks on a white background.

## Color Contrast Check

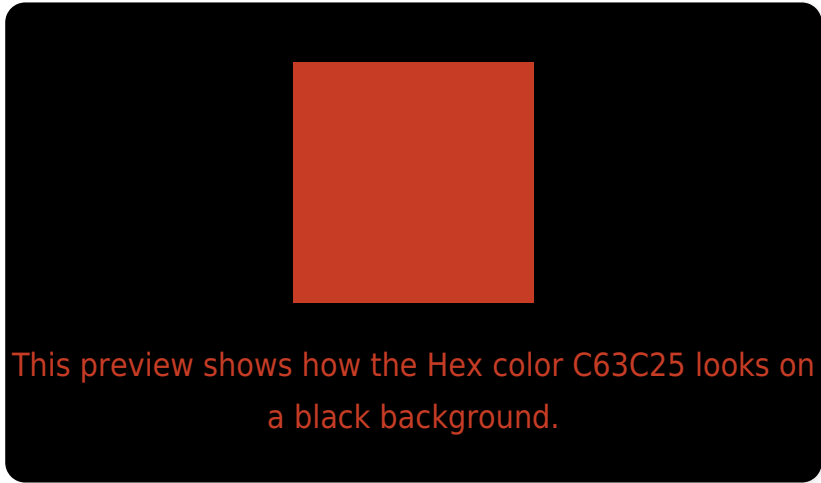
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C63C25 Background



This preview shows how black text looks on a background with the Hex color C63C25.



This preview shows how white text looks on a background with the Hex color C63C25.

# 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



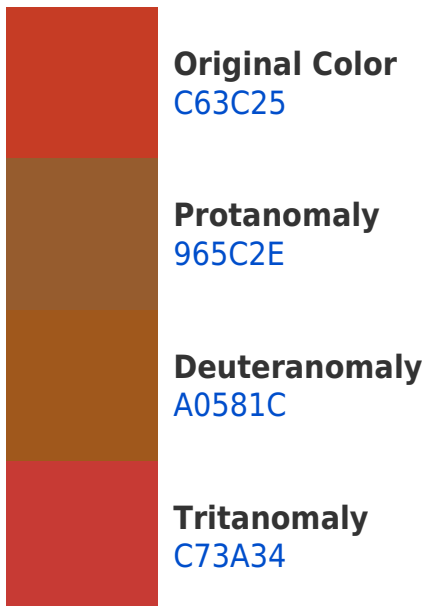
**Original Color**  
C63C25

**Protanopia**  
7A6E33

**Deuteranopia**  
8B6817



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C63C25 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 #C63C25 looks like.

```
.text, #text, p{  
    color:#C63C25  
}
```

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 #C63C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63C25
}
```

## Border

The CSS property to change the border of an element to Hex C63C25 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".

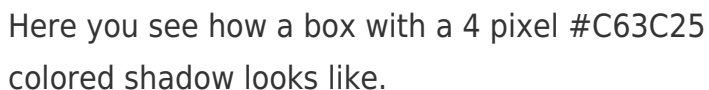
```
.border, #border, table{ border:4px solid
#C63C25 }
```

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

```
.border{ border-color:#C63C25 }
```

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

Here you see how a box with a 4 pixel #C63C25 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63C25; -webkit-box-shadow:4px 4px  
4px 4px #C63C25; box-shadow:4px 4px 4px  
4px #C63C25 }
```

# Background

The CSS property to change the background color of an element to Hex C63C25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63C25 }
```

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

```
.background{ background-color:#C63C25 }
```

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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