

# Converting Colors

Hex(C93E27)

Have a look what the booklet for  
Hex(C93E27) contains.

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# Color

Hex(C93E27)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C93E27
RGB	201, 62, 39
RGB Percent	79%, 24%, 15%
CMY	0.2118, 0.7569, 0.8471
CMYK	0.00, 0.69, 0.81, 0.21
HSL	9°, 68%, 47%
HSV	9°, 81%, 79%
XYZ	26.1762, 16.0092, 3.6299
YIQ	100.9390, 90.2270, 22.3150

# Conversions

## Conversions Part 2

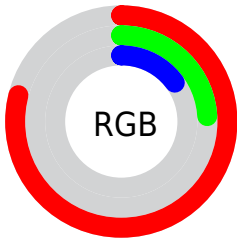
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 66, 39
Decimal	13188647
CIE <sub>Lab</sub>	46.99, 53.81, 44.23
CIE <sub>LCh</sub>	47, 69.656, 39.417
Yxy	16.0092, 0.5713, 0.3494
Android (android.graphics.Color)	4291378727 (0xFFC93E27)
YUV	100.9390, -30.5359, 87.7535
Hunter-Lab	40.0115, 46.7575, 22.6292

# Details

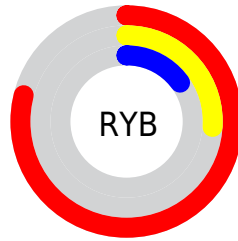
The Hex color **C93E27** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **27B2C9**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7556**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **C92D13**, and if you desaturate by 10%, it is **C94F3B**.

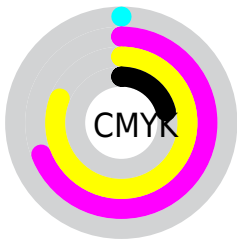
# Distribution



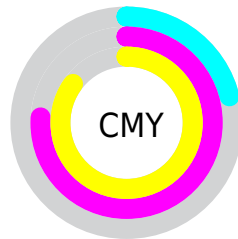
- Red (79%)
- Green (24%)
- Blue (15%)



- Red (79%)
- Yellow (26%)
- Blue (15%)



- Cyan (0%)
- Magenta (69%)
- Yellow (81%)
- Black (21%)



- Cyan (21%)
- Magenta (76%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C93E27 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 C93E27 by changing the saturation by 10% instead.



 C93E27

 C93E27

FFFFFF

 AA1F10

 FF7556

 8B0000

 FF916F

 6C0000

 FFAD89

 4E0000

 FFC9A4

 330002

 FFE7BF

 000000

 FFFFDB

 FFFFF8

 C93E27

 C93E27

 C92D13

 C94F3B

 C91D00

 C9604F

 C97263

 C98377

 C9948C

 C9A5A0

 C9B7B4

 C9C8C8

 C9D9DC

# Harmonies

## Analogous

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



D42160



C93E27



A75D00

# Triad

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



C93E27



008643



0071E4

# Complementary

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



C93E27



27B2C9

# 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.



0081DE



C93E27



008981

# Square

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



C93E27



328000



0088B9



8656CB

# Rectangle

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



C93E27



886D00



0088B9



0077E6



# Sweetspot

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



C93E27



FFCAC2



C927B3



80605B



000000



808080



# Same Dimension

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



C93E27



FF2B08



C98E27



635B5A



A31700



240500

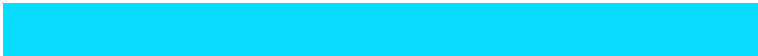


# Inverse Universe

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



27B2C9



08DCFF



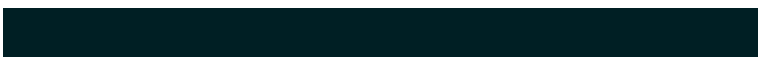
2762C9



5A6263



008CA3



001F24



# Previews

## White Background



This preview shows how the Hex color C93E27 looks on a white background.

## Color Contrast Check

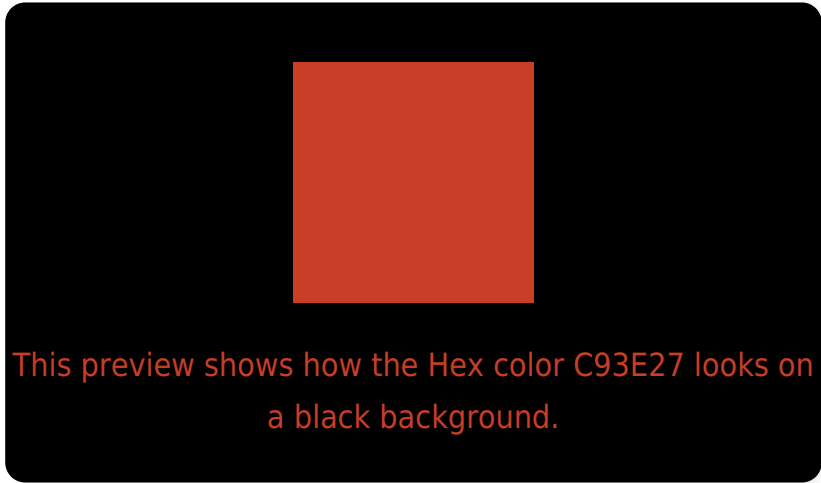
Large Text (above 18pt) WCAG AA ✓ Pass

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 C93E27 Background



This preview shows how black text looks on a background with the Hex color C93E27.



This preview shows how white text looks on a background with the Hex color C93E27.

# 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



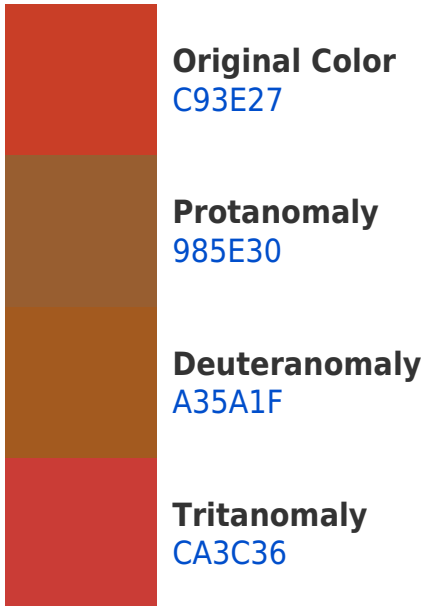
**Original Color**  
C93E27

**Protanopia**  
7C7035

**Deuteranopia**  
8D6A1A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C93E27 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 #C93E27 looks like.

```
.text, #text, p{  
    color:#C93E27  
}
```

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 #C93E27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C93E27
}
```

## Border

The CSS property to change the border of an element to Hex C93E27 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
#C93E27 }
```

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

```
.border{ border-color:#C93E27 }
```

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

Here you see how a box with a 4 pixel #C93E27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C93E27; -webkit-box-shadow:4px 4px  
4px 4px #C93E27; box-shadow:4px 4px 4px  
4px #C93E27 }
```

# Background

The CSS property to change the background color of an element to Hex C93E27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C93E27 }
```

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

```
.background{ background-color:#C93E27 }
```

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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