

# Converting Colors

Hex(C82531)

Have a look what the booklet for  
Hex(C82531) contains.

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# Color

**Hex(C82531)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C82531
RGB	200, 37, 49
RGB Percent	78%, 15%, 19%
CMY	0.2157, 0.8549, 0.8078
CMYK	0.00, 0.81, 0.76, 0.22
HSL	356°, 69%, 46%
HSV	356°, 82%, 78%
XYZ	25.0354, 13.8242, 4.2546
YIQ	87.1050, 93.2960, 38.2880

# Conversions

## Conversions Part 2

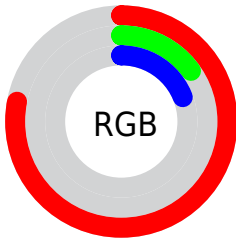
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 37, 49
Decimal	13116721
CIE <sub>Lab</sub>	43.98, 61.98, 35.55
CIE <sub>LCh</sub>	44, 71.446, 29.836
Yxy	13.8242, 0.5807, 0.3206
Android (android.graphics.Color)	4291306801 (0xFFC82531)
YUV	87.1050, -18.7858, 99.0089
Hunter-Lab	37.1810, 55.1241, 19.2422

# Details

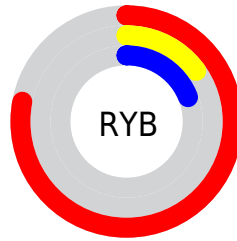
The Hex color **C82531** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **25C8BC**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6360**, and **890005** is the 20% darker color. If you saturate the color by 10%, you get **C8111E**, and if you desaturate by 10%, it is **C83944**.

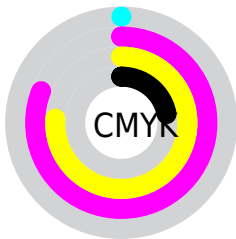
# Distribution



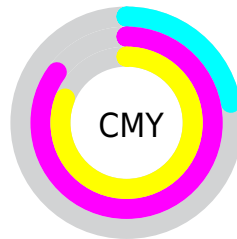
- Red (78%)
- Green (15%)
- Blue (19%)



- Red (78%)
- Yellow (15%)
- Blue (19%)



- Cyan (0%)
- Magenta (81%)
- Yellow (76%)
- Black (22%)



- Cyan (22%)
- Magenta (85%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C82531 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 C82531 by changing the saturation by 10% instead.



 C82531

 C82531

FFFFFF

 A9001C

 FF6360

 890005

 FF8078

 6B0000

 FF9C92

 4D0002

 FFB9AD

 2F0002

 FFD6C8

 000000

 FFF4E4

 C82531

 C82531

 C8111E

 C83944

 C8000F

 C84D56

 C86169

 C8757B

 C8898E

 C89DA0

 C8B1B3

 C8C5C5

 C8D9D8

# Harmonies

## Analogous

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



CB036B



C82531



AC4C00

# Triad

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



C82531



007D26



0070E0

# Complementary

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



C82531



25C8BC

# 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.



007DCF



C82531



008066

# Square

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



C82531



437500



0081A2



5C58D0

# Rectangle

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



C82531



8F5E00



0081A2



0075DE



# Sweetspot

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



C82531



FFC2C6



BA25C8



805B5D



000000



808080



# Same Dimension

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



C82531



FF0517



C86925



635A5A



A3000C



240003



# Inverse Universe

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



C82531



FF0517



2584C8



635A5A



A3000C



240003



# Previews

## White Background



This preview shows how the Hex color C82531 looks on a white background.

## Color Contrast Check

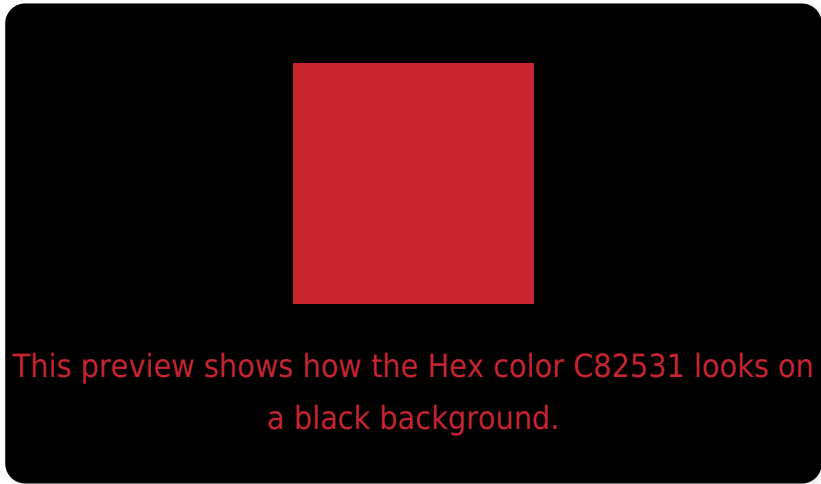
Large Text (above 18pt) WCAG AA ✓ Pass

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 C82531 Background



This preview shows how black text looks on a background with the Hex color C82531.



This preview shows how white text looks on a background with the Hex color C82531.

# 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



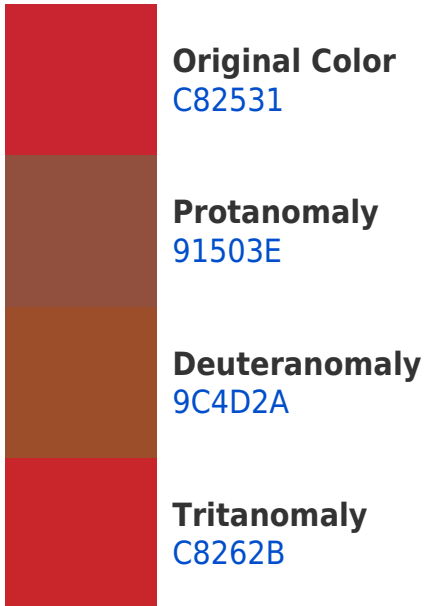
**Original Color**  
C82531

**Protanopia**  
726946

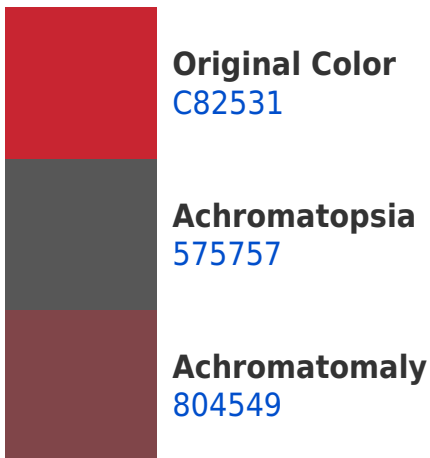
**Deuteranopia**  
836426



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C82531 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 #C82531 looks like.

```
.text, #text, p{  
    color:#C82531  
}
```

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 #C82531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C82531
}
```

## Border

The CSS property to change the border of an element to Hex C82531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

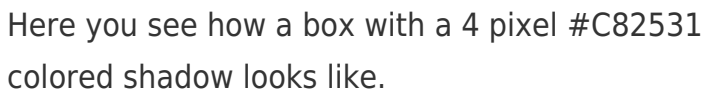
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C82531 }
```

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

```
.border{ border-color:#C82531 }
```

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



Here you see how a box with a 4 pixel `#C82531` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C82531; -webkit-box-shadow:4px 4px  
4px 4px #C82531; box-shadow:4px 4px 4px  
4px #C82531 }
```

# Background

The CSS property to change the background color of an element to Hex C82531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C82531 }
```

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

```
.background{ background-color:#C82531 }
```

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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