

# Converting Colors

Hex(CC4D31)

Have a look what the booklet for  
Hex(CC4D31) contains.

<b>Hex(CC4D31)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(CC4D31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC4D31
RGB	204, 77, 49
RGB Percent	80%, 30%, 19%
CMY	0.2000, 0.6980, 0.8078
CMYK	0.00, 0.62, 0.76, 0.20
HSL	11°, 61%, 50%
HSV	11°, 76%, 80%
XYZ	28.1101, 18.3669, 4.9693
YIQ	111.7810, 84.6800, 18.2160

# Conversions

## Conversions Part 2

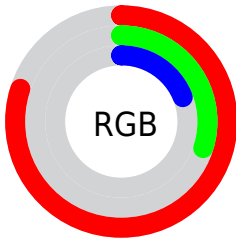
Format	Color
<a href="#">RYB</a>	<a href="#">204, 83, 49</a>
Decimal	<a href="#">13389105</a>
CIELab	<a href="#">49.94, 48.91, 42.21</a>
CIELCh	<a href="#">50, 64.609, 40.796</a>
Yxy	<a href="#">18.3669, 0.5464, 0.3570</a>
Android (android.graphics.Color)	<a href="#">4291579185</a> ( <a href="#">0xFFCC4D31</a> )
YUV	<a href="#">111.7810, -30.9510, 80.8761</a>
Hunter-Lab	<a href="#">42.8566, 42.0810, 23.1248</a>

# Details

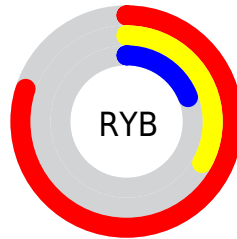
The Hex color **CC4D31** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31B0CC**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8361**, and **8E1202** is the 20% darker color. If you saturate the color by 10%, you get **CC3C1D**, and if you desaturate by 10%, it is **CC5E45**.

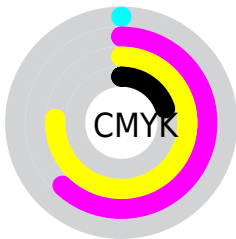
# Distribution



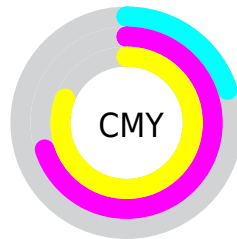
- Red (80%)
- Green (30%)
- Blue (19%)



- Red (80%)
- Yellow (33%)
- Blue (19%)



- Cyan (0%)
- Magenta (62%)
- Yellow (76%)
- Black (20%)



- Cyan (20%)
- Magenta (70%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC4D31 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 CC4D31 by changing the saturation by 10% instead.



 CC4D31

 CC4D31

FFFFFF

 AD321A

 FF8361

 8E1202

 FF9E7A

 700000

 FFBA94

 520000

 FFD7AF

 380002

 FFF4CB

 0E0000

 FFFF7E

 000000

 CC4D31

 CC4D31

 CC3C1D

 CC5E45

 CC2C08

 CC6E5A

 CC2500

 CC7F6E

 CC9083

 CCA197

 CCB1AB

 CCC2C0

 CCD3D4

 CCE3E9

# Harmonies

## Analogous

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



D73965



CC4D31



AC6700

# Triad

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



CC4D31



008D50



0077E4

# Complementary

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



CC4D31



31B0CC

# 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.



0087DF



CC4D31



008F8A

# Square

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



CC4D31



3E8715



008EBE



915ECB

# Rectangle

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



CC4D31



8E7500



008EBE



007DE6



# Sweetspot

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



CC4D31



FFCFC4



CC31B2



80625C



000000



808080



# Same Dimension

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



CC4D31



FF4117



CC9831



665E5C



A61E00



260700

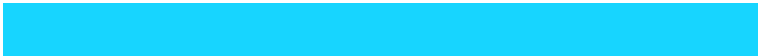


# Inverse Universe

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



31B0CC



17D5FF



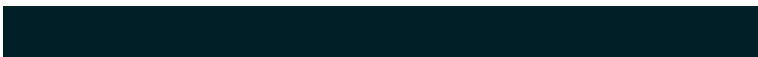
3165CC



5C6466



0088A6

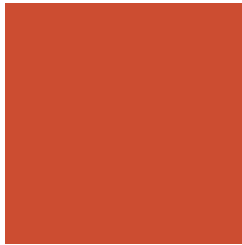


001F26



# Previews

## White Background



This preview shows how the Hex color CC4D31 looks on a white background.

## Color Contrast Check

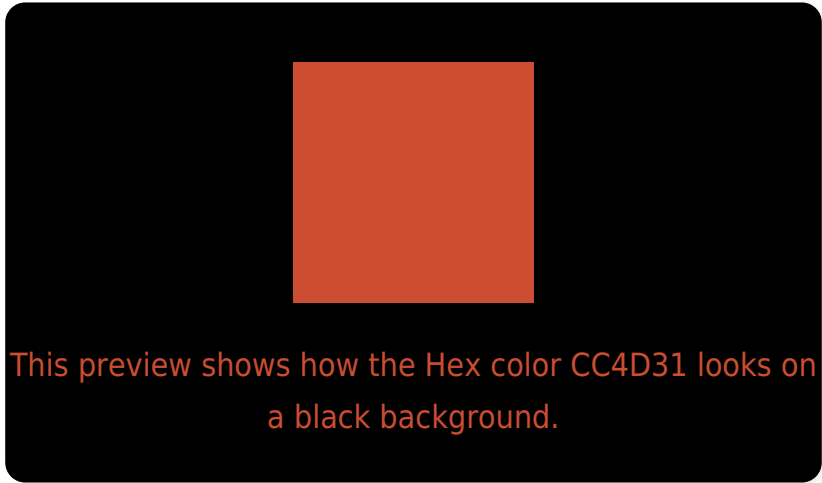
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC4D31 Background



This preview shows how black text looks on a background with the Hex color CC4D31.



This preview shows how white text looks on a background with the Hex color CC4D31.

# 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



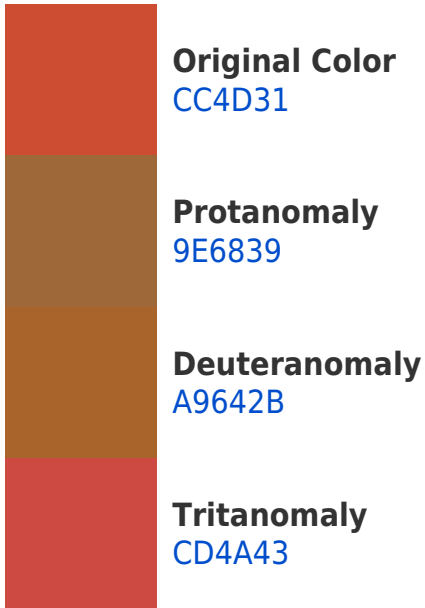
**Original Color**  
CC4D31

**Protanopia**  
84783E

**Deuteranopia**  
957128



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC4D31 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 #CC4D31 looks like.

```
.text, #text, p{  
    color:#CC4D31  
}
```

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 #CC4D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4D31
}
```

## Border

The CSS property to change the border of an element to Hex CC4D31 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
#CC4D31 }
```

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

```
.border{ border-color:#CC4D31 }
```

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

Here you see how a box with a 4 pixel #CC4D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4D31; -webkit-box-shadow:4px 4px  
4px 4px #CC4D31; box-shadow:4px 4px 4px  
4px #CC4D31 }
```

# Background

The CSS property to change the background color of an element to Hex CC4D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4D31 }
```

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

```
.background{ background-color:#CC4D31 }
```

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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