

# Converting Colors

Hex(CC2312)

Have a look what the booklet for  
Hex(CC2312) contains.

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# Color

Hex(CC2312)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC2312
RGB	204, 35, 18
RGB Percent	80%, 14%, 7%
CMY	0.2000, 0.8627, 0.9294
CMYK	0.00, 0.83, 0.91, 0.20
HSL	5°, 84%, 44%
HSV	5°, 91%, 80%
XYZ	25.6121, 14.0831, 1.9407
YIQ	83.5930, 106.1810, 30.5410

# Conversions

## Conversions Part 2

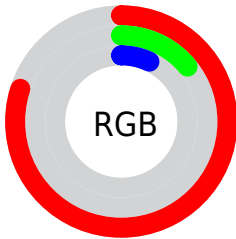
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 37, 18</a>
Decimal	<a href="#">13378322</a>
CIELab	<a href="#">44.35, 62.82, 51.81</a>
CIELCh	<a href="#">44, 81.426, 39.517</a>
Yxy	<a href="#">14.0831, 0.6151, 0.3382</a>
Android (android.graphics.Color)	<a href="#">4291568402</a> ( <a href="#">0xFFCC2312</a> )
YUV	<a href="#">83.5930, -32.3373, 105.5969</a>
Hunter-Lab	<a href="#">37.5275, 56.1511, 23.2031</a>

# Details

The Hex color **CC2312** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **12BBCC**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6242**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CC1300**, and if you desaturate by 10%, it is **CC3626**.

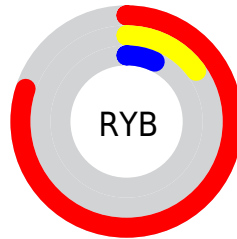
# Distribution



Red (80%)

Green (14%)

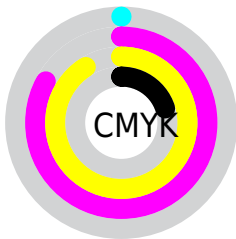
Blue (7%)



Red (80%)

Yellow (15%)

Blue (7%)

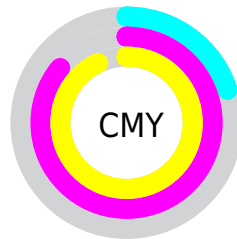


Cyan (0%)

Magenta (83%)

Yellow (91%)

Black (20%)



Cyan (20%)

Magenta (86%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC2312 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 CC2312 by changing the saturation by 10% instead.



 CC2312

 CC2312

FFFFFFE

 AC0000

 FF6242

 8C0000

 FF7F5B

 6C0000

 FF9B74

 4E0002

 FFB88E

 310002

 FFD5A9

 000000

 FFF3C5

 FFFFE1

 CC2312

 CC2312

■ CC1300

■ CC3626

■ CC483B

■ CC5B4F

■ CC6D64

■ CC8078

■ CC928C

■ CCA5A1

■ CCB7B5

■ CCCACA

# Harmonies

## Analogous

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



DB0057



CC2312



A55300

# Triad

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



CC2312



008135



006CF1

# Complementary

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



CC2312



12BBCC

# 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.



007DEA



CC2312



00847E

# Square

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



CC2312



057B00



0084BF



8049D3

# Rectangle

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



CC2312



816600



0084BF



0073F3



# Sweetspot

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



CC2312



FFC0BA



CC12BD



805A57



000000



808080



# Same Dimension

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



CC2312



FF1700



CC7F12



665D5C



A60F00



260300



# Inverse Universe

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



12BBCC



00E8FF



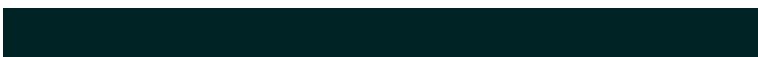
1260CC



5C6566



0097A6



002326



# Previews

## White Background



This preview shows how the Hex color CC2312 looks on a white background.

## Color Contrast Check

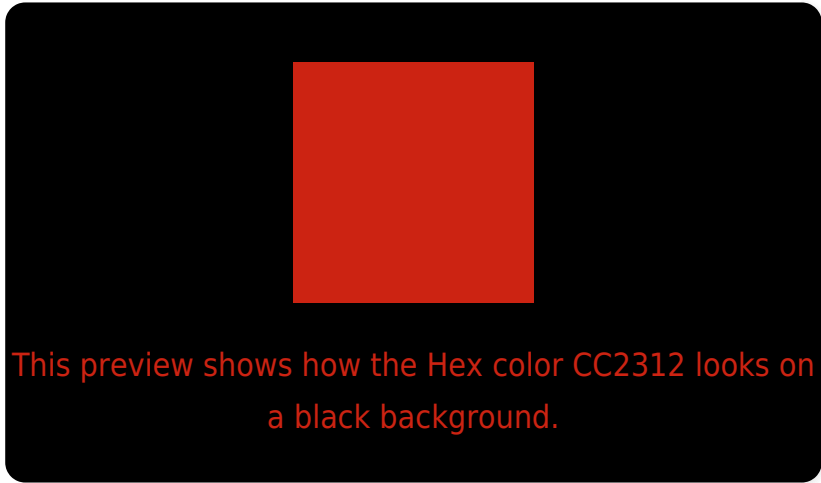
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC2312 Background



This preview shows how black text looks on a background with the Hex color CC2312.



This preview shows how white text looks on a background with the Hex color CC2312.

# 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



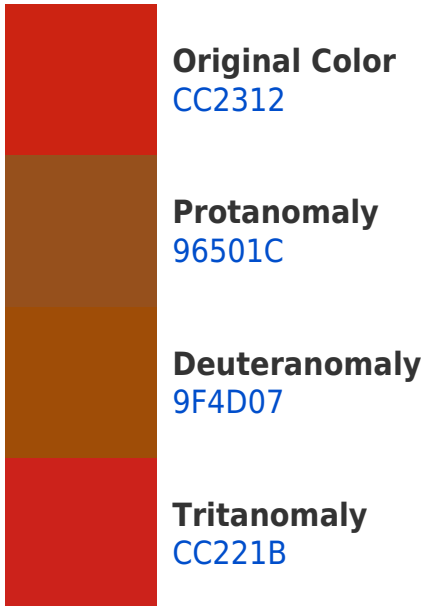
**Original Color**  
CC2312

**Protanopia**  
776A22

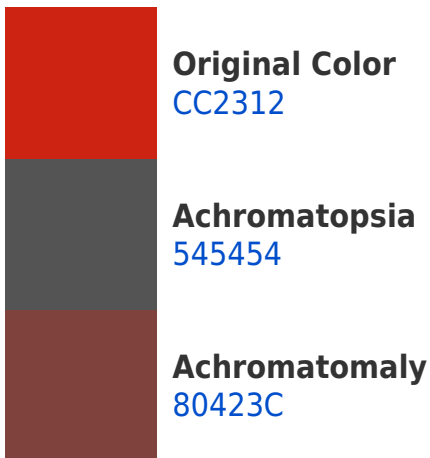
**Deuteranopia**  
866500



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC2312 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 #CC2312 looks like.

```
.text, #text, p{  
    color:#CC2312  
}
```

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 #CC2312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2312
}
```

## Border

The CSS property to change the border of an element to Hex CC2312 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".

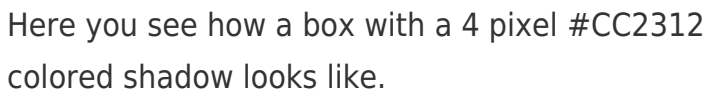
```
.border, #border, table{ border:4px solid
#CC2312 }
```

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

```
.border{ border-color:#CC2312 }
```

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

Here you see how a box with a 4 pixel #CC2312 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white and contains the text 'Here you see how a box with a 4 pixel #CC2312 colored shadow looks like.' The shadow is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2312; -webkit-box-shadow:4px 4px  
4px 4px #CC2312; box-shadow:4px 4px 4px  
4px #CC2312 }
```

# Background

The CSS property to change the background color of an element to Hex CC2312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2312 }
```

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

```
.background{ background-color:#CC2312 }
```

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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