

# Converting Colors

Hex(C4250D)

Have a look what the booklet for  
Hex(C4250D) contains.

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# Color

**Hex(C4250D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4250D
RGB	196, 37, 13
RGB Percent	77%, 15%, 5%
CMY	0.2314, 0.8549, 0.9490
CMYK	0.00, 0.81, 0.93, 0.23
HSL	8°, 88%, 41%
HSV	8°, 93%, 77%
XYZ	23.4992, 13.0880, 1.6685
YIQ	81.8050, 102.4680, 26.2440

# Conversions

## Conversions Part 2

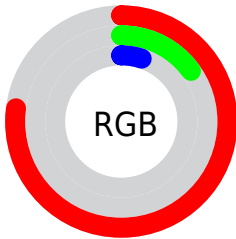
Format	Color
<a href="#">RYB</a>	<a href="#">196, 41, 13</a>
Decimal	<a href="#">12854541</a>
CIELab	<a href="#">42.90, 59.96, 51.87</a>
CIElCh	<a href="#">43, 79.278, 40.863</a>
Yxy	<a href="#">13.0880, 0.6143, 0.3421</a>
Android (android.graphics.Color)	<a href="#">4291044621</a> ( <a href="#">0xFFC4250D</a> )
YUV	<a href="#">81.8050, -33.9209, 100.1490</a>
Hunter-Lab	<a href="#">36.1773, 52.6355, 22.5897</a>

# Details

The Hex color **C4250D** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0DACC4**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF623E**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C41A00**, and if you desaturate by 10%, it is **C43621**.

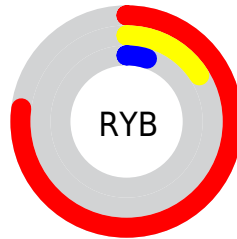
# Distribution



Red (77%)

Green (15%)

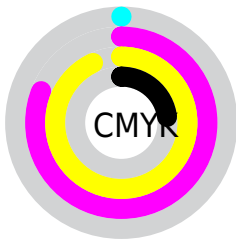
Blue (5%)



Red (77%)

Yellow (16%)

Blue (5%)

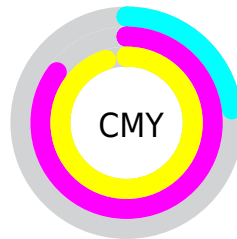


Cyan (0%)

Magenta (81%)

Yellow (93%)

Black (23%)



Cyan (23%)

Magenta (85%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4250D 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 C4250D by changing the saturation by 10% instead.



 C4250D

 C4250D

 FFFFF9

 A40000

 FF623E

 840000

 FF7E57

 650000

 FF9A70

 480002

 FFB78A

 2A0001

 FFD4A5

 000000

 FFF1C1

 FFFFDD

 C4250D

 C4250D

■ C41A00

■ C43621

■ C44734

■ C45848

■ C4695B

■ C47A6F

■ C48B83

■ C49C96

■ C4ADAA

■ C4BEBD

# Harmonies

## Analogous

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



D30051



C4250D



9D5200

# Triad

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



C4250D



007D37



0067E9

# Complementary

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



C4250D



0DACC4

# 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.



0078E3



C4250D



00807C

# Square

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



C4250D



007700



007FBB



8045CA

# Rectangle

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



C4250D



7A6400



007FBB



006EEB



# Sweetspot

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



C4250D



FFC1B8



C40DAF



805A54



000000



808080



# Same Dimension

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



C4250D



FF2100



C47E0D



615857



A11500



210400

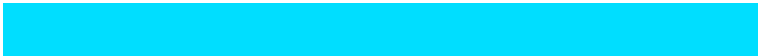


# Inverse Universe

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



0DACC4



00DEFF



0D53C4



576061



008CA1



001D21



# Previews

## White Background



This preview shows how the Hex color C4250D looks on a white background.

## Color Contrast Check

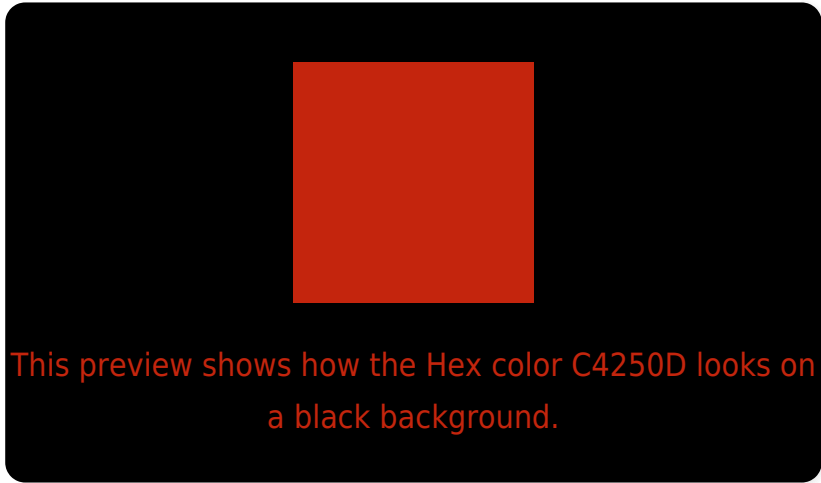
Large Text (above 18pt) WCAG AA ✓ Pass

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 C4250D Background



This preview shows how black text looks on a background with the Hex color C4250D.



This preview shows how white text looks on a background with the Hex color C4250D.

# 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



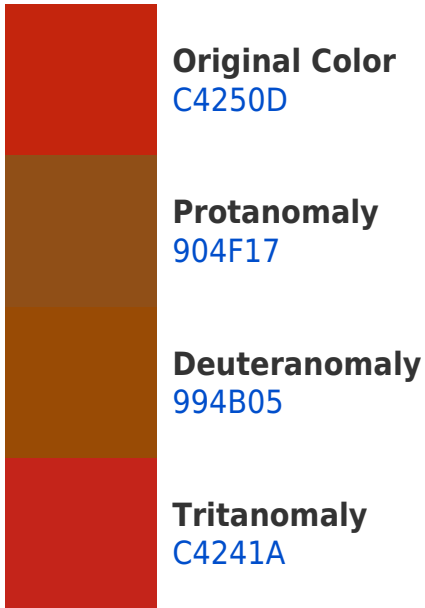
**Original Color**  
C4250D

**Protanopia**  
73671D

**Deuteranopia**  
816100



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4250D 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 #C4250D looks like.

```
.text, #text, p{  
    color:#C4250D  
}
```

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 #C4250D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4250D }  
}
```

## Border

The CSS property to change the border of an element to Hex C4250D is called "border". The border property can be set on classes, ids or directly on the HTML element.

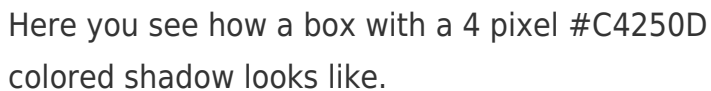
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C4250D }  
}
```

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

```
.border{ border-color:#C4250D }
```

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



Here you see how a box with a 4 pixel `#C4250D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4250D; -webkit-box-shadow:4px 4px  
4px 4px #C4250D; box-shadow:4px 4px 4px  
4px #C4250D }
```

# Background

The CSS property to change the background color of an element to Hex C4250D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4250D }
```

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

```
.background{ background-color:#C4250D }
```

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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