

# Converting Colors

Hex(C52326)

Have a look what the booklet for  
Hex(C52326) contains.

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**Color**

**Hex(C52326)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C52326
RGB	197, 35, 38
RGB Percent	77%, 14%, 15%
CMY	0.2275, 0.8627, 0.8510
CMYK	0.00, 0.82, 0.81, 0.23
HSL	359°, 70%, 45%
HSV	359°, 82%, 77%
XYZ	23.9768, 13.2123, 3.1202
YIQ	83.7800, 95.5890, 35.2770

# Conversions

## Conversions Part 2

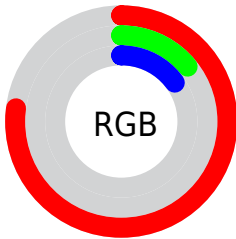
Format	Color
<a href="#">RYB</a>	<a href="#">197, 35, 38</a>
Decimal	<a href="#">12919590</a>
CIELab	<a href="#">43.08, 61.27, 40.66</a>
CIElCh	<a href="#">43, 73.532, 33.572</a>
Yxy	<a href="#">13.2123, 0.5948, 0.3278</a>
Android (android.graphics.Color)	<a href="#">4291109670</a> ( <a href="#">0xFFC52326</a> )
YUV	<a href="#">83.7800, -22.5695, 99.2939</a>
Hunter-Lab	<a href="#">36.3488, 54.1342, 20.3546</a>

# Details

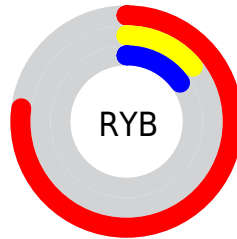
The Hex color **C52326** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **23C5C2**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6154**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C50F13**, and if you desaturate by 10%, it is **C53739**.

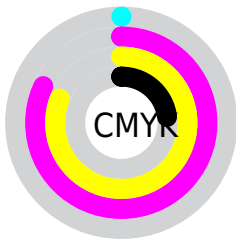
# Distribution



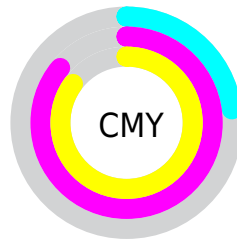
- Red (77%)
- Green (14%)
- Blue (15%)



- Red (77%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (82%)
- Yellow (81%)
- Black (23%)



- Cyan (23%)
- Magenta (86%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C52326 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 C52326 by changing the saturation by 10% instead.



 C52326

 C52326

FFFFFF

 A50010

 FF6154

 860000

 FF7E6D

 670000

 FF9A86

 4A0002

 FFB7A1

 2C0001

 FFD4BC

 000000

 FFF1D8

 FFFFF4

 C52326

 C52326

 C50F13

 C53739

 C50004

 C54A4D

 C55E60

 C57273

 C58687

 C5999A

 C5ADAD

 C5C1C1

 C5D4D4

# Harmonies

## Analogous

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



CC0061



C52326



A64C00

# Triad

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



C52326



007C2A



006CE1

# Complementary

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



C52326



23C5C2

# 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.



007AD4



C52326



007F6C

# Square

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



C52326



347400



007FA8



6751CD

# Rectangle

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



C52326



875F00



007FA8



0072E1



# Sweetspot

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



C52326



FFBFC0



C023C5



80595A



000000



808080



# Same Dimension

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



C52326



FF0307



C56F23



635A5A



A30003



240001



# Inverse Universe

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



C52326



FF0307



2379C5



635A5A



A30003



240001



# Previews

## White Background



This preview shows how the Hex color C52326 looks on a white background.

## Color Contrast Check

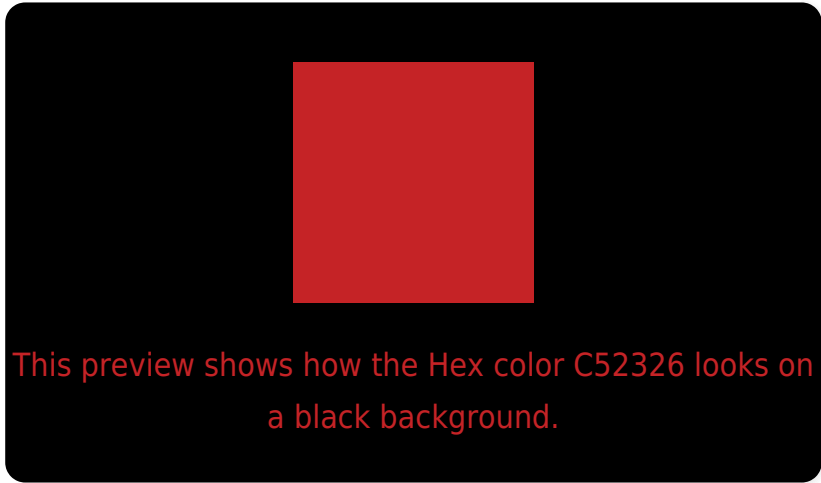
Large Text (above 18pt) WCAG AA ✓ Pass

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 C52326 Background



This preview shows how black text looks on a background with the Hex color C52326.



This preview shows how white text looks on a background with the Hex color C52326.

# 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**  
C52326

**Protanopia**  
716738

**Deuteranopia**  
826217



# Trichromacy



**Original Color**  
C52326

**Protanomaly**  
904E31

**Deuteranomaly**  
9A4B1C

**Tritanomaly**  
C52424

# Monochromacy



**Original Color**  
C52326

**Achromatopsia**  
545454

**Achromatomaly**  
7D4243

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C52326 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 #C52326 looks like.

```
.text, #text, p{  
    color:#C52326  
}
```

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 #C52326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C52326
}
```

## Border

The CSS property to change the border of an element to Hex C52326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

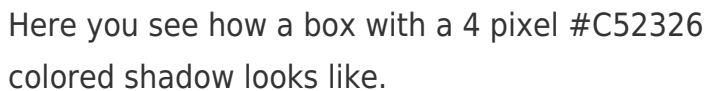
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C52326 }
```

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

```
.border{ border-color:#C52326 }
```

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



Here you see how a box with a 4 pixel `#C52326` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C52326; -webkit-box-shadow:4px 4px  
4px 4px #C52326; box-shadow:4px 4px 4px  
4px #C52326 }
```

# Background

The CSS property to change the background color of an element to Hex C52326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C52326 }
```

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

```
.background{ background-color:#C52326 }
```

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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