

# Converting Colors

Hex(C32C4C)

Have a look what the booklet for  
Hex(C32C4C) contains.

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# Color

Hex(C32C4C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C32C4C
RGB	195, 44, 76
RGB Percent	76%, 17%, 30%
CMY	0.2353, 0.8275, 0.7020
CMYK	0.00, 0.77, 0.61, 0.24
HSL	347°, 63%, 47%
HSV	347°, 77%, 76%
XYZ	24.7109, 13.9253, 8.2229
YIQ	92.7970, 79.7240, 41.9640

# Conversions

## Conversions Part 2

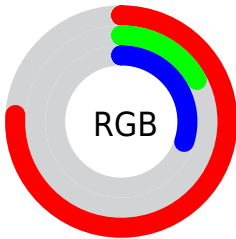
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">195, 44, 76</a>
Decimal	<a href="#">12790860</a>
CIELab	<a href="#">44.13, 59.96, 19.13</a>
CIElCh	<a href="#">44, 62.934, 17.693</a>
Yxy	<a href="#">13.9253, 0.5273, 0.2972</a>
Android (android.graphics.Color)	<a href="#">4290980940 (0xFFC32C4C)</a>
YUV	<a href="#">92.7970, -8.2809, 89.6320</a>
Hunter-Lab	<a href="#">37.3166, 52.8979, 13.0567</a>

# Details

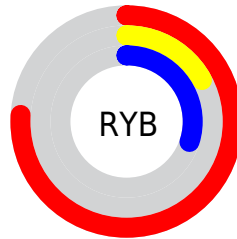
The Hex color **C32C4C** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **2CC3A3**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF687D**, and **860021** is the 20% darker color. If you saturate the color by 10%, you get **C3183D**, and if you desaturate by 10%, it is **C3405B**.

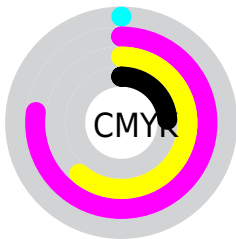
# Distribution



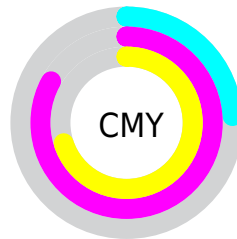
- Red (76%)
- Green (17%)
- Blue (30%)



- Red (76%)
- Yellow (17%)
- Blue (30%)



- Cyan (0%)
- Magenta (77%)
- Yellow (61%)
- Black (24%)



- Cyan (24%)
- Magenta (83%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C32C4C 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 C32C4C by changing the saturation by 10% instead.



 C32C4C

 C32C4C

FFFFFF

 A40036

 FF687D

 860021

 FF8496

 68000A

 FFA0B1

 4B0001

 FFBDCD

 2E0002

 FFDAE8

 000000

 FFF7FF

 C32C4C

 C32C4C

 C3183D

 C3405B

 C3052D

 C3536B

 C30029

 C3677A

 C37A89

 C38E99

 C3A1A8

 C3B5B8

 C3C8C7

 C3DBD6

# Harmonies

## Analogous

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



BA2E80



C32C4C



B34519

# Triad

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



C32C4C



147917



0075CF

# Complementary

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



C32C4C



2CC3A3

# 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.



007DB5



C32C4C



007E50

# Square

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



C32C4C



626F00



007F87



2664CD

# Rectangle

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



C32C4C



9D5700



007F87



0078CA



# Sweetspot

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



C32C4C



FCC2CF



A22CC3



805C63



000000



808080



# Same Dimension

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



C32C4C



FC1243



C3572C



615759



A10022



210007



# Inverse Universe

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



C32C4C



FC1243



2C98C3



615759



A10022



210007



# Previews

## White Background



This preview shows how the Hex color C32C4C looks on a white background.

## Color Contrast Check

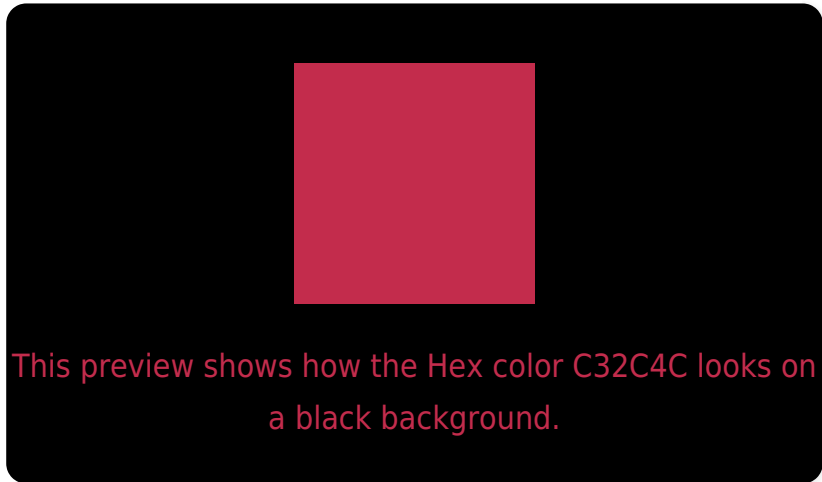
Large Text (above 18pt) WCAG AA ✓ Pass

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 C32C4C Background



This preview shows how black text looks on a background with the Hex color C32C4C.



This preview shows how white text looks on a background with the Hex color C32C4C.

# 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**  
C32C4C

**Protanopia**  
6C6967

**Deuteranopia**  
7F6544



# Trichromacy



**Original Color**  
C32C4C

**Protanomaly**  
8C535D

**Deuteranomaly**  
985047

**Tritanomaly**  
C22F3C

# Monochromacy



**Original Color**  
C32C4C

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
824B57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C32C4C 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 #C32C4C looks like.

```
.text, #text, p{  
    color:#C32C4C  
}
```

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 #C32C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C32C4C
}
```

## Border

The CSS property to change the border of an element to Hex C32C4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

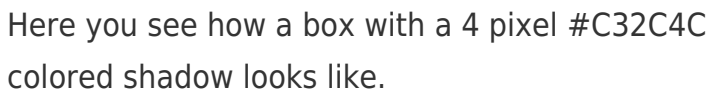
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C32C4C }
```

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

```
.border{ border-color:#C32C4C }
```

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



Here you see how a box with a 4 pixel `#C32C4C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C32C4C; -webkit-box-shadow:4px 4px  
4px 4px #C32C4C; box-shadow:4px 4px 4px  
4px #C32C4C }
```

# Background

The CSS property to change the background color of an element to Hex C32C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C32C4C }
```

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

```
.background{ background-color:#C32C4C }
```

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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