

# Converting Colors

Hex(C3272B)

Have a look what the booklet for  
Hex(C3272B) contains.

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# Color

**Hex(C3272B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3272B
RGB	195, 39, 43
RGB Percent	76%, 15%, 17%
CMY	0.2353, 0.8471, 0.8314
CMYK	0.00, 0.80, 0.78, 0.24
HSL	358°, 67%, 46%
HSV	358°, 80%, 76%
XYZ	23.6672, 13.2276, 3.5913
YIQ	86.1000, 91.6920, 34.3160

# Conversions

## Conversions Part 2

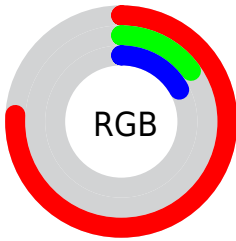
Format	Color
<a href="#">RYB</a>	<a href="#">195, 39, 43</a>
Decimal	<a href="#">12789547</a>
CIELab	<a href="#">43.10, 59.80, 37.76</a>
CIElCh	<a href="#">43, 70.728, 32.271</a>
Yxy	<a href="#">13.2276, 0.5846, 0.3267</a>
Android (android.graphics.Color)	<a href="#">4290979627</a> ( <a href="#">0xFFC3272B</a> )
YUV	<a href="#">86.1000, -21.2483, 95.5053</a>
Hunter-Lab	<a href="#">36.3697, 52.5102, 19.6043</a>

# Details

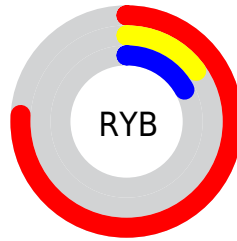
The Hex color **C3272B** is a dark color, and the websafe version is hex **CC3333**, and the color name is **pure crimson (akabeni)**. The color can be described as dark muted red. A complement of this color would be **27C3BF**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6359**, and **850000** is the 20% darker color. If you saturate the color by 10%, you get **C31318**, and if you desaturate by 10%, it is **C33B3E**.

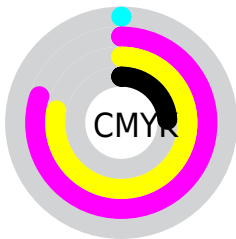
# Distribution



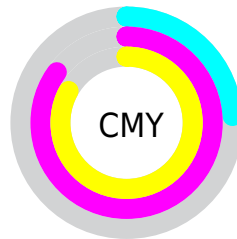
- Red (76%)
- Green (15%)
- Blue (17%)



- Red (76%)
- Yellow (15%)
- Blue (17%)



- Cyan (0%)
- Magenta (80%)
- Yellow (78%)
- Black (24%)



- Cyan (24%)
- Magenta (85%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3272B 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 C3272B by changing the saturation by 10% instead.



 C3272B

 C3272B

FFFFFF

 A40016

 FF6359

 850000

 FF8072

 660000

 FF9C8C

 480002

 FFB9A6

 2B0001

 FFD6C1

 000000

 FFF3DD

 FFFFFA

 C3272B

 C3272B

 C31318

 C33B3E

 C30005

 C34E51

 C36264

 C37577

 C3888A

 C39C9D

 C3B0B0

 C3C3C3

 C3D7D6

# Harmonies

## Analogous

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



C80064



C3272B



A64C00

# Triad

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



C3272B



007B2A



006CDD

# Complementary

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



C3272B



27C3BF

# 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.



0079CE



C3272B



007E69

# Square

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



C3272B



3B7400



007EA3



6454CA

# Rectangle

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



C3272B



895E00



007EA3



0072DB



# Sweetspot

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



C3272B



FCC0C1



BE27C3



805B5B



000000



808080



# Same Dimension

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



C3272B



FC0A10



C37027



615757



A10004



210001



# Inverse Universe

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



C3272B



FC0A10



277AC3



615757



A10004



210001



# Previews

## White Background



This preview shows how the Hex color C3272B looks on a white background.

## Color Contrast Check

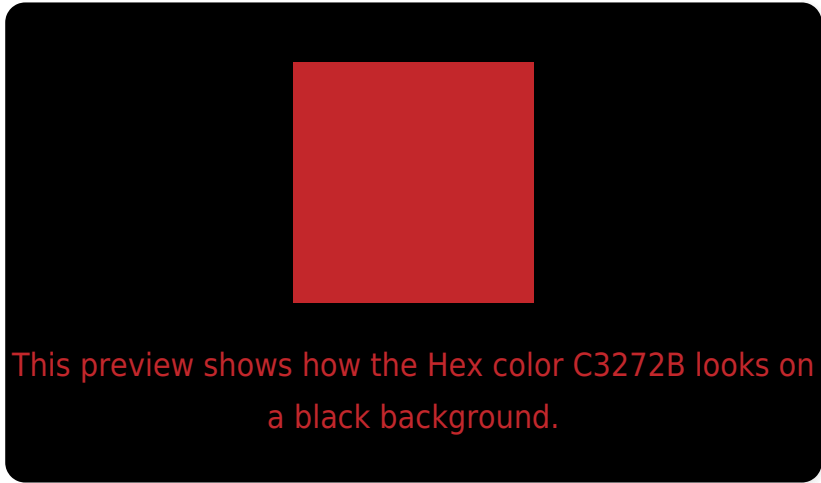
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3272B Background



This preview shows how black text looks on a background with the Hex color C3272B.



This preview shows how white text looks on a background with the Hex color C3272B.

# 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**  
C3272B

**Protanopia**  
71673E

**Deuteranopia**  
81621F



# Trichromacy



**Original Color**  
C3272B

**Protanomaly**  
8F5037

**Deuteranomaly**  
994D23

**Tritanomaly**  
C32829

# Monochromacy



**Original Color**  
C3272B

**Achromatopsia**  
565656

**Achromatomaly**  
7E4546

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3272B 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 #C3272B looks like.

```
.text, #text, p{  
    color:#C3272B  
}
```

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 #C3272B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3272B
}
```

## Border

The CSS property to change the border of an element to Hex C3272B is called "border". The border property can be set on classes, ids or directly on the HTML element.

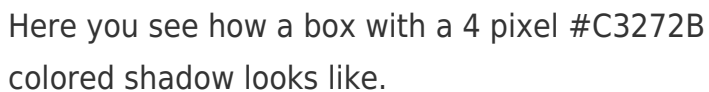
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3272B }
```

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

```
.border{ border-color:#C3272B }
```

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



Here you see how a box with a 4 pixel `#C3272B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3272B; -webkit-box-shadow:4px 4px  
4px 4px #C3272B; box-shadow:4px 4px 4px  
4px #C3272B }
```

# Background

The CSS property to change the background color of an element to Hex C3272B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3272B }
```

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

```
.background{ background-color:#C3272B }
```

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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