

# Converting Colors

Hex(CB3244)

Have a look what the booklet for  
Hex(CB3244) contains.

<b>Hex(CB3244)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(CB3244)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB3244
RGB	203, 50, 68
RGB Percent	80%, 20%, 27%
CMY	0.2039, 0.8039, 0.7333
CMYK	0.00, 0.75, 0.67, 0.20
HSL	353°, 60%, 50%
HSV	353°, 75%, 80%
XYZ	26.8126, 15.3951, 7.0272
YIQ	97.7990, 85.4100, 38.0340

# Conversions

## Conversions Part 2

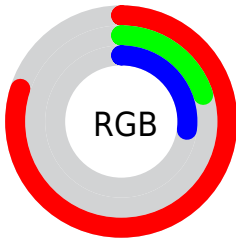
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">203, 50, 68</a>
Decimal	<a href="#">13316676</a>
CIELab	<a href="#">46.17, 59.94, 26.97</a>
CIELCh	<a href="#">46, 65.731, 24.221</a>
Yxy	<a href="#">15.3951, 0.5446, 0.3127</a>
Android (android.graphics.Color)	<a href="#">4291506756 (0xFFCB3244)</a>
YUV	<a href="#">97.7990, -14.6909, 92.2613</a>
Hunter-Lab	<a href="#">39.2366, 53.3154, 16.8468</a>

# Details

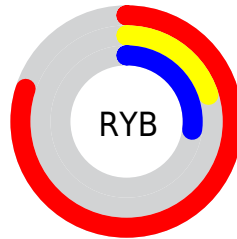
The Hex color **CB3244** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **32CBB9**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6D74**, and **8D0019** is the 20% darker color. If you saturate the color by 10%, you get **CB1E32**, and if you desaturate by 10%, it is **CB4656**.

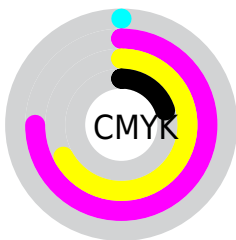
# Distribution



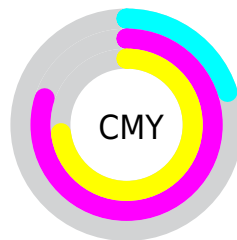
- Red (80%)
- Green (20%)
- Blue (27%)



- Red (80%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (75%)
- Yellow (67%)
- Black (20%)



- Cyan (20%)
- Magenta (80%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB3244 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 CB3244 by changing the saturation by 10% instead.





CB3244



CB3244

FFFFFF



AC062E



FF6D74



8D0019



FF898E



6F0000



FFA5A8



510001



FFC2C3



350002



FFDFDF



010000



FFFDFC



000000



CB3244



CB3244



CB1E32



CB4656

 CB0920

 CB5B68

 CB0018

 CB6F7A

 CB838C

 CB989E

 CBACAF

 CBC0C1

 CBD4D3

 CBE9E5

# Harmonies

## Analogous

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



C82B7B



CB3244



B54F0B

# Triad

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



CB3244



008126



0078DC

# Complementary

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



CB3244



32CBB9

# 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.



0082C7



CB3244



008561

# Square

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



CB3244



5A7800



008599



4F64D3

# Rectangle

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



CB3244



9C6000



008599



007CD8



# Sweetspot

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



CB3244



FFC4CB



B732CB



805C60



000000



808080



# Same Dimension

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



CB3244



FF1935



CB6A32



665C5D



A60014



260005



# Inverse Universe

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



CB3244



FF1934



3293CB



665C5D



A60013



260004



# Previews

## White Background



This preview shows how the Hex color CB3244 looks on a white background.

## Color Contrast Check

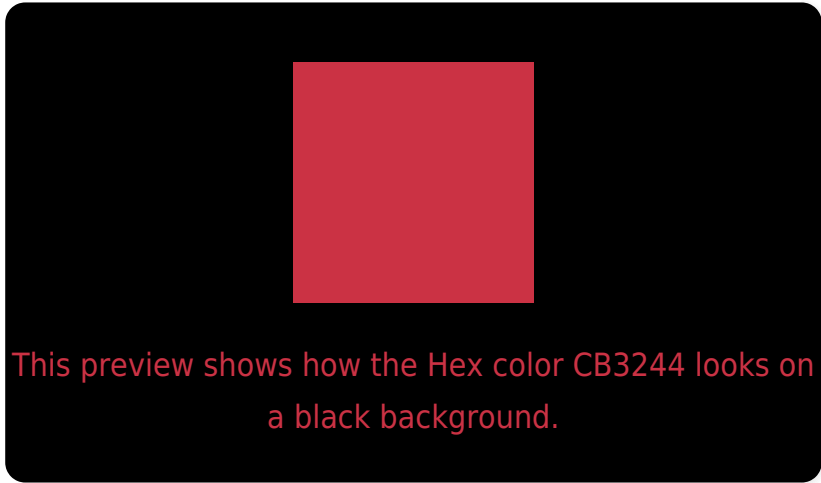
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB3244 Background



This preview shows how black text looks on a background with the Hex color CB3244.

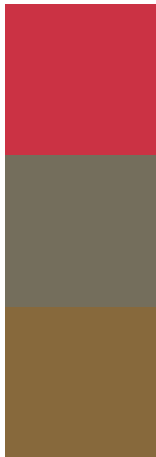


This preview shows how white text looks on a background with the Hex color CB3244.

# 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**  
CB3244

**Protanopia**  
746E5C

**Deuteranopia**  
87693C



# Trichromacy



**Original Color**  
CB3244

**Protanomaly**  
945853

**Deuteranomaly**  
A0553F

**Tritanomaly**  
CA343B

# Monochromacy



**Original Color**  
CB3244

**Achromatopsia**  
626262

**Achromatomaly**  
885157

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB3244 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 #CB3244 looks like.

```
.text, #text, p{  
    color:#CB3244  
}
```

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 #CB3244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB3244
}
```

## Border

The CSS property to change the border of an element to Hex CB3244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

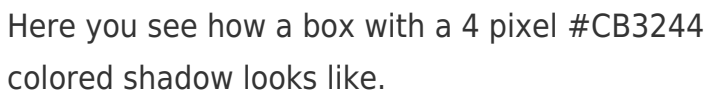
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB3244 }
```

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

```
.border{ border-color:#CB3244 }
```

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



Here you see how a box with a 4 pixel `#CB3244` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB3244; -webkit-box-shadow:4px 4px  
4px 4px #CB3244; box-shadow:4px 4px 4px  
4px #CB3244 }
```

# Background

The CSS property to change the background color of an element to Hex CB3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB3244 }
```

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

```
.background{ background-color:#CB3244 }
```

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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