

Converting Colors

Hex(CB3744)

Have a look what the booklet for
Hex(CB3744) contains.

Hex(CB3744)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CB3744)

Conversions

Conversions Part 1

Format	Color
Hex	CB3744
RGB	203, 55, 68
RGB Percent	80%, 22%, 27%
CMY	0.2039, 0.7843, 0.7333
CMYK	0.00, 0.73, 0.67, 0.20
HSL	355°, 59%, 51%
HSV	355°, 73%, 80%
XYZ	27.0382, 15.8462, 7.1024
YIQ	100.7340, 84.0350, 35.4190

Conversions

Conversions Part 2

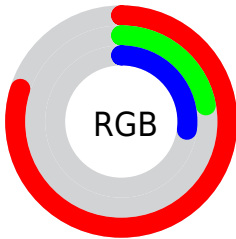
Format	Color
R_{YB}	203, 55, 68
Decimal	13317956
CIE _{Lab}	46.77, 58.27, 27.72
CIE _{LCh}	47, 64.526, 25.440
Yxy	15.8462, 0.5409, 0.3170
Android (android.graphics.Color)	4291508036 (0xFFCB3744)
YUV	100.7340, -16.1379, 89.6873
Hunter-Lab	39.8073, 51.5790, 17.2867

Details

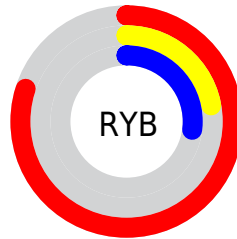
The Hex color **CB3744** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **37CBBE**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7074**, and **8D0019** is the 20% darker color. If you saturate the color by 10%, you get **CB2331**, and if you desaturate by 10%, it is **CB4B57**.

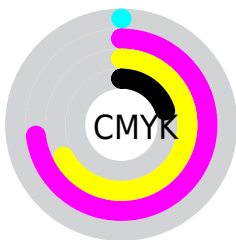
Distribution



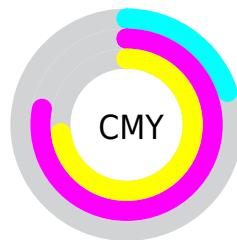
- Red (80%)
- Green (22%)
- Blue (27%)



- Red (80%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (73%)
- Yellow (67%)
- Black (20%)



- Cyan (20%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB3744 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 CB3744 by changing the saturation by 10% instead.

 CB3744

 CB3744

FFFFFF

 AC122E

 FF7074

 8D0019

 FF8C8E

 700000

 FFA9A8

 510000

 FFC5C3

 350002

 FFE3DF

 030000

FFFFFFC

 000000

 CB3744

 CB3744

 CB2331

 CB4B57

 CB0E1F

 CB6069

 CB0012

 CB747C

 CB888E

 CB9DA1

 CBB1B3

 CBC5C6

 CBD9D8

 CBEEEE

Harmonies

Analogous

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



C92F7A



CB3744



B4520D

Triad

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



CB3744



00822C



0078DC

Complementary

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



CB3744



37CBBE

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.



0083C8



CB3744



008665

Square

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



CB3744



597900



00879C



5864D2

Rectangle

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



CB3744



9C6300



00879C



007DD8

Sweetspot

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



CB3744



FFC7CC



BC37CB



805E61



000000



808080

Same Dimension

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



CB3744



FF2135



CB7237



665C5D



A6000F



260003

Inverse Universe

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



CB3744



FF2135



3790CB



665C5D



A6000F



260003

Previews

White Background



This preview shows how the Hex color CB3744 looks on a white background.

Color Contrast Check

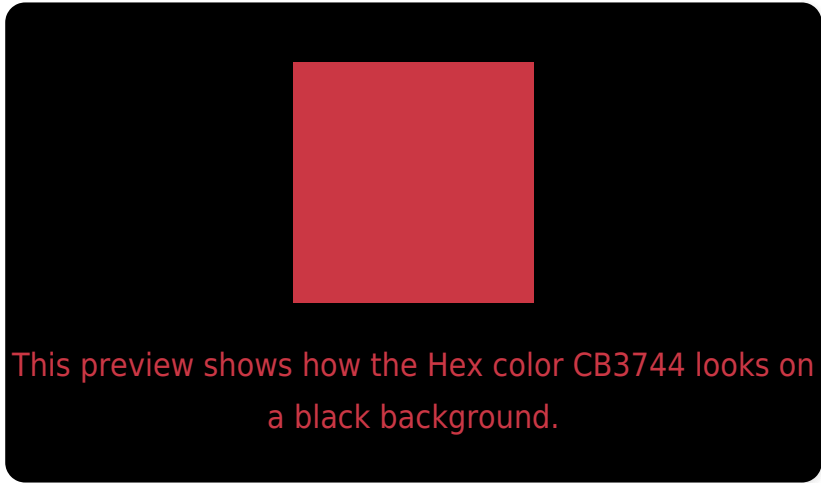
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB3744 Background



This preview shows how black text looks on a background with the Hex color CB3744.

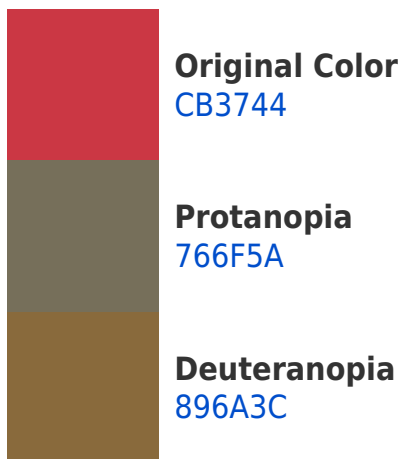


This preview shows how white text looks on a background with the Hex color CB3744.

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



Trichromacy



Original Color
CB3744

Protanomaly
955B52

Deuteranomaly
A1573F

Tritanomaly
CB383E

Monochromacy



Original Color
CB3744

Achromatopsia
656565

Achromatomaly
8A5459

CSS Examples

Text

The CSS property to change the color of the text to Hex CB3744 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 #CB3744 looks like.

```
.text, #text, p{  
    color:#CB3744  
}
```

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 #CB3744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB3744
}
```

Border

The CSS property to change the border of an element to Hex CB3744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

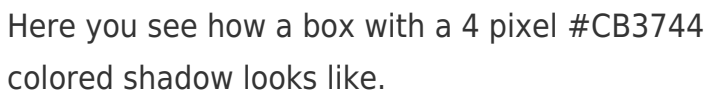
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB3744 }
```

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

```
.border{ border-color:#CB3744 }
```

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



Here you see how a box with a 4 pixel `#CB3744` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB3744; -webkit-box-shadow:4px 4px  
4px 4px #CB3744; box-shadow:4px 4px 4px  
4px #CB3744 }
```

Background

The CSS property to change the background color of an element to Hex CB3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB3744 }
```

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

```
.background{ background-color:#CB3744 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor