

# Converting Colors

Hex(CB3D62)

Have a look what the booklet for  
Hex(CB3D62) contains.

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# Color

**Hex(CB3D62)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB3D62
RGB	203, 61, 98
RGB Percent	80%, 24%, 38%
CMY	0.2039, 0.7608, 0.6157
CMYK	0.00, 0.70, 0.52, 0.20
HSL	344°, 58%, 52%
HSV	344°, 70%, 80%
XYZ	28.5020, 16.9158, 13.3181
YIQ	107.6760, 72.7550, 41.6110

# Conversions

## Conversions Part 2

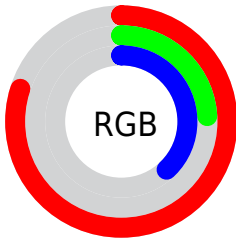
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 61, 98
Decimal	13319522
CIE Lab	48.15, 58.14, 11.33
CIE LCh	48, 59.238, 11.027
Yxy	16.9158, 0.4853, 0.2880
Android (android.graphics.Color)	4291509602 (0xFFCB3D62)
YUV	107.6760, -4.7703, 83.5991
Hunter-Lab	41.1289, 51.7234, 9.5912

# Details

The Hex color **CB3D62** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3DCBA6**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7694**, and **8F0034** is the 20% darker color. If you saturate the color by 10%, you get **CB2953**, and if you desaturate by 10%, it is **CB5171**.

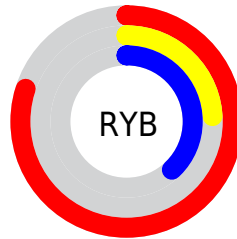
# Distribution



Red (80%)

Green (24%)

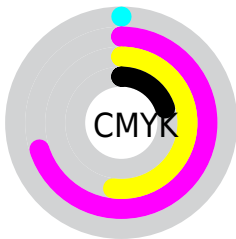
Blue (38%)



Red (80%)

Yellow (24%)

Blue (38%)

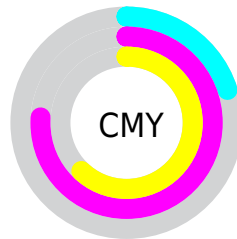


Cyan (0%)

Magenta (70%)

Yellow (52%)

Black (20%)



Cyan (20%)

Magenta (76%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB3D62 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 CB3D62 by changing the saturation by 10% instead.



 CB3D62

 CB3D62

FFFFFF

 AD1C4A

 FF7694

 8F0034

 FF92AF

 72001F

 FFAECA

 550007

 FFCBE6

 3A0002

 FFE8FF

 110000

 000000

 CB3D62

 CB3D62

 CB2953

 CB5171

 CB1444

 CB6680

 CB0035

 CB7A8F

 CB8E9E

 CBA3AD

 CBB7BC

 CBCBCB

 CBDFDA

 CBF4E9

# Harmonies

## Analogous

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



BB4594



CB3D62



C14E33

# Triad

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



CB3D62



40811D



0081D1

# Complementary

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



CB3D62



3DCBA6

# 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.



0088B3



CB3D62



008750

# Square

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



CB3D62



797600



008984



0572D5

# Rectangle

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



CB3D62



AF5D14



008984



0084CA



# Sweetspot

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



CB3D62



FFC9D7



A53DCB



806068



000000



808080



# Same Dimension

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



CB3D62



FF2961



CB5E3D



665C5E



A6002B



26000A



# Inverse Universe

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



CB3D62



FF2961



3DAACB



665C5E



A6002B

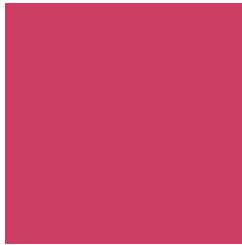


26000A



# Previews

## White Background



This preview shows how the Hex color CB3D62 looks on a white background.

## Color Contrast Check

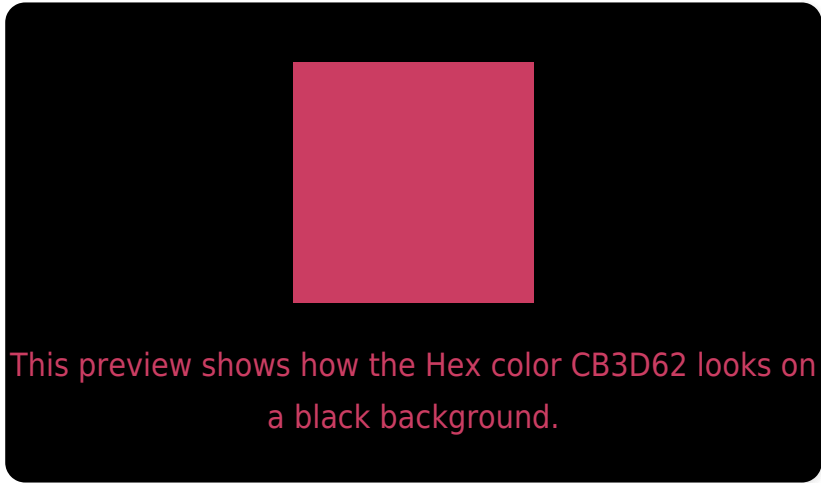
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB3D62 Background



This preview shows how black text looks on a background with the Hex color CB3D62.

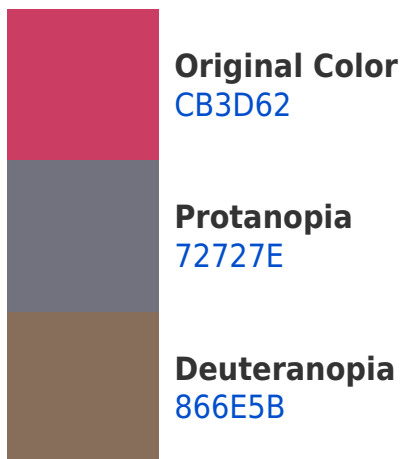



This preview shows how white text looks on a background with the Hex color CB3D62.

# 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





**Tritanopia**  
C94346

# Trichromacy



**Original Color**  
CB3D62

**Protanomaly**  
925F74

**Deuteranomaly**  
9F5C5E

**Tritanomaly**  
CA4150

# Monochromacy



**Original Color**  
CB3D62

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
8F5B68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB3D62 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 #CB3D62 looks like.

```
.text, #text, p{  
    color:#CB3D62  
}
```

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 #CB3D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB3D62
}
```

## Border

The CSS property to change the border of an element to Hex CB3D62 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
#CB3D62 }
```

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

```
.border{ border-color:#CB3D62 }
```

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

Here you see how a box with a 4 pixel #CB3D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB3D62; -webkit-box-shadow:4px 4px  
4px 4px #CB3D62; box-shadow:4px 4px 4px  
4px #CB3D62 }
```

# Background

The CSS property to change the background color of an element to Hex CB3D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB3D62 }
```

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

```
.background{ background-color:#CB3D62 }
```

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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