

Converting Colors

Hex(CB6767)

Have a look what the booklet for
Hex(CB6767) contains.

Hex(CB6767)	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(CB6767)

Conversions

Conversions Part 1

Format	Color
Hex	CB6767
RGB	203, 103, 103
RGB Percent	80%, 40%, 40%
CMY	0.2039, 0.5961, 0.5961
CMYK	0.00, 0.49, 0.49, 0.20
HSL	0°, 49%, 60%
HSV	0°, 49%, 80%
XYZ	31.9270, 23.3763, 15.6613
YIQ	132.9000, 59.6000, 21.2000

Conversions

Conversions Part 2

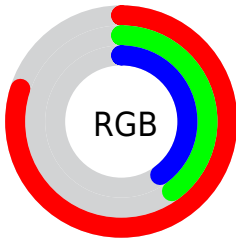
Format	Color
R_{YB}	203, 103, 103
Decimal	13330279
CIE _{Lab}	55.46, 39.56, 18.41
CIE _{LCh}	55, 43.638, 24.958
Yxy	23.3763, 0.4499, 0.3294
Android (android.graphics.Color)	4291520359 (0xFFCB6767)
YUV	132.9000, -14.7407, 61.4777
Hunter-Lab	48.3490, 33.2608, 14.6390

Details

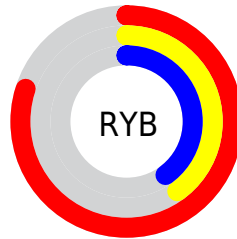
The Hex color **CB6767** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **67CBCB**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9C9A**, and **913438** is the 20% darker color. If you saturate the color by 10%, you get **CB5353**, and if you desaturate by 10%, it is **CB7B7B**.

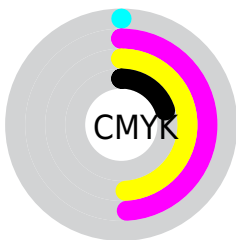
Distribution



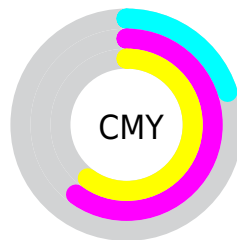
- Red (80%)
- Green (40%)
- Blue (40%)



- Red (80%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (49%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB6767 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 CB6767 by changing the saturation by 10% instead.



CB6767



CB6767

FFFFFF



AE4D4F



FF9C9A



913438



FFB8B5



741923



FFD4D0



59000E



FFF1ED



3E0000



220001



000000



CB6767



CB6767



CB5353



CB7B7B

 CB3E3E

 CB9090

 CB2A2A

 CBA4A4

 CB1616

 CBB8B8

 CB0202

 CBCDCD

 CB0000

 CBE1E1

 CBF5F5

 CBFFFF

Harmonies

Analogous

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



C7658D



CB6767



BC7348

Triad

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



CB6767



4D9458



278BD0

Complementary

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



CB6767



67CBCB

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.



0094C2



CB6767



00977D

Square

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



CB6767



7B8C3D



0098A4



7D7DCA

Rectangle

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



CB6767



AB7C3A



0098A4



008ECD

Sweetspot

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



CB6767



FFD9D9



CB67CB



806969



000000



808080

Same Dimension

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



CB6767



FF6969



CB9967



665C5C



A60000



260000

Inverse Universe

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



67CBCB



69FFFF



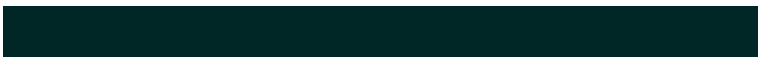
6799CB



5C6666



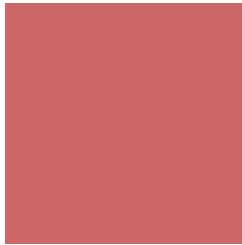
00A6A6



002626

Previews

White Background



This preview shows how the Hex color CB6767 looks on a white background.

Color Contrast Check

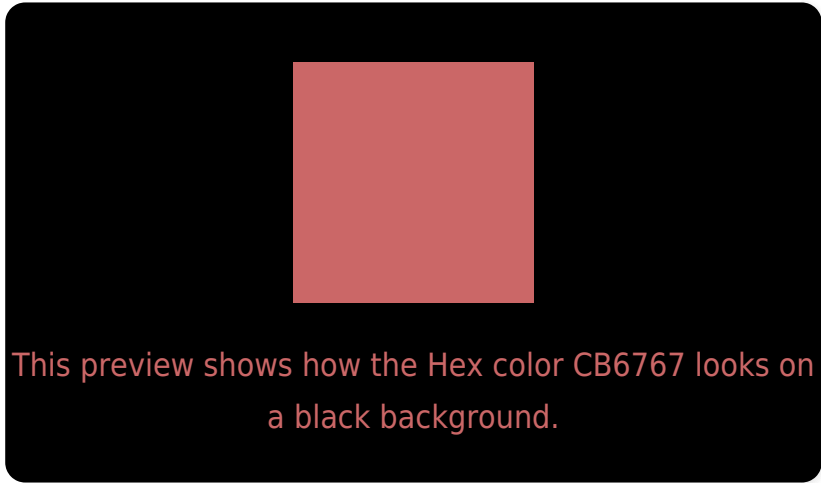
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CB6767 Background



This preview shows how black text looks on a background with the Hex color CB6767.




This preview shows how white text looks on a background with the Hex color CB6767.

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
CB666D

Trichromacy



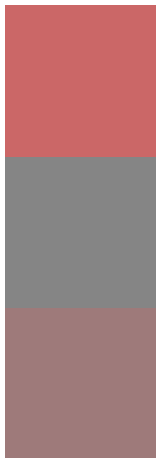
Original Color
CB6767

Protanomaly
A27A70

Deuteranomaly
AE7764

Tritanomaly
CB666B

Monochromacy



Original Color
CB6767

Achromatopsia
858585

Achromatomaly
9E7A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex CB6767 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 #CB6767 looks like.

```
.text, #text, p{  
    color:#CB6767  
}
```

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 #CB6767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6767
}
```

Border

The CSS property to change the border of an element to Hex CB6767 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
#CB6767 }
```

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

```
.border{ border-color:#CB6767 }
```

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

Here you see how a box with a 4 pixel #CB6767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6767; -webkit-box-shadow:4px 4px  
4px 4px #CB6767; box-shadow:4px 4px 4px  
4px #CB6767 }
```

Background

The CSS property to change the background color of an element to Hex CB6767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6767 }
```

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

```
.background{ background-color:#CB6767 }
```

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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