

Converting Colors

Hex(CC6767)

Have a look what the booklet for
Hex(CC6767) contains.

Hex(CC6767)	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(CC6767)

Conversions

Conversions Part 1

Format	Color
Hex	CC6767
RGB	204, 103, 103
RGB Percent	80%, 40%, 40%
CMY	0.2000, 0.5961, 0.5961
CMYK	0.00, 0.50, 0.50, 0.20
HSL	0°, 50%, 60%
HSV	0°, 50%, 80%
XYZ	32.2003, 23.5171, 15.6741
YIQ	133.1990, 60.1960, 21.4120

Conversions

Conversions Part 2

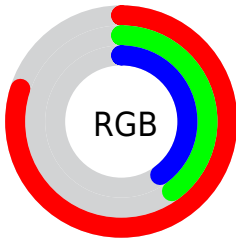
Format	Color
R_{YB}	204, 103, 103
Decimal	13395815
CIE Lab	55.60, 39.93, 18.63
CIE LCh	56, 44.067, 25.012
Yxy	23.5171, 0.4510, 0.3294
Android (android.graphics.Color)	4291585895 (0xFFCC6767)
YUV	133.1990, -14.8881, 62.0925
Hunter-Lab	48.4945, 33.6585, 14.7828

Details

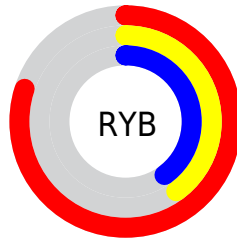
The Hex color **CC6767** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **67CCCC**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9C9A**, and **923438** is the 20% darker color. If you saturate the color by 10%, you get **CC5353**, and if you desaturate by 10%, it is **CC7B7B**.

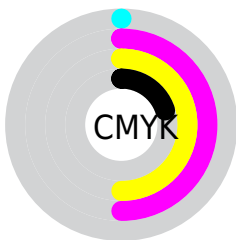
Distribution



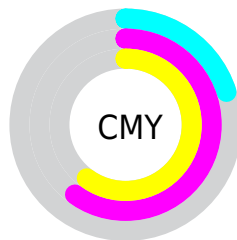
- Red (80%)
- Green (40%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color CC6767 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 CC6767 by changing the saturation by 10% instead.

 CC6767

 CC6767

FFFFFF

 AF4D4F

 FF9C9A

 923438

 FFB8B5

 751923

 FFD4D0

 59000E

 FFF1ED

 3E0000

 230001

 000000

 CC6767

 CC6767

 CC5353

 CC7B7B

 CC3E3E

 CC9090

 CC2A2A

 CCA4A4

 CC1515

 CCB9B9

 CC0101

 CCCDCD

 CC0000

 CCE1E1

 CCF6F6

 CCFFFF

Harmonies

Analogous

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



C8658D



CC6767



BD7347

Triad

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



CC6767



4C9458



258BD1

Complementary

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



CC6767



67CCCC

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.



0094C3



CC6767



00987D

Square

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



CC6767



7C8D3D



0098A4



7D7ECB

Rectangle

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



CC6767



AC7C3A



0098A4



008FCF

Sweetspot

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



CC6767



FFD9D9



CC67CC



806969



000000



808080

Same Dimension

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



CC6767



FF6969



CC9A67



665C5C



A60000



260000

Inverse Universe

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



67CCCC



69FFFF



679ACC



5C6666



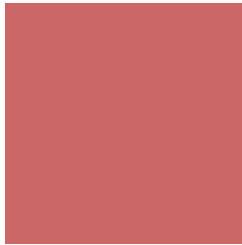
00A6A6



002626

Previews

White Background



This preview shows how the Hex color CC6767 looks on a white background.

Color Contrast Check

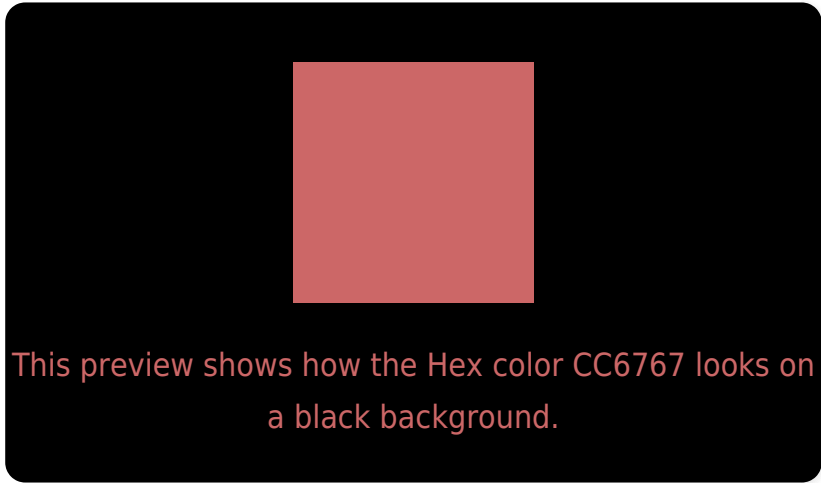
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC6767 Background



This preview shows how black text looks on a background with the Hex color CC6767.



This preview shows how white text looks on a background with the Hex color CC6767.

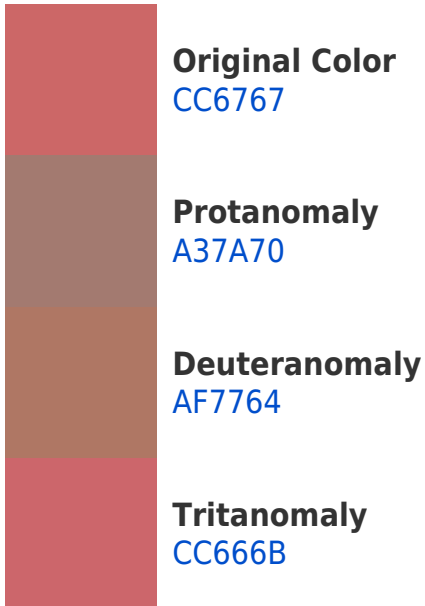
Color Blindness Simulation

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](#).

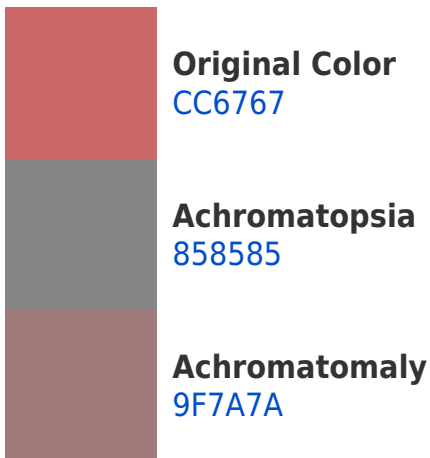
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC6767 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 #CC6767 looks like.

```
.text, #text, p{  
    color:#CC6767  
}
```

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 #CC6767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC6767
}
```

Border

The CSS property to change the border of an element to Hex CC6767 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
#CC6767 }
```

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

```
.border{ border-color:#CC6767 }
```

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

Here you see how a box with a 4 pixel #CC6767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC6767; -webkit-box-shadow:4px 4px  
4px 4px #CC6767; box-shadow:4px 4px 4px  
4px #CC6767 }
```

Background

The CSS property to change the background color of an element to Hex CC6767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC6767 }
```

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

```
.background{ background-color:#CC6767 }
```

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