

Converting Colors

Hex(707CAF)

Have a look what the booklet for
Hex(707CAF) contains.

Hex(707CAF)	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(707CAF)

Conversions

Conversions Part 1

Format	Color
Hex	707CAF
RGB	112, 124, 175
RGB Percent	44%, 49%, 69%
CMY	0.5608, 0.5137, 0.3137
CMYK	0.36, 0.29, 0.00, 0.31
HSL	229°, 28%, 56%
HSV	229°, 36%, 69%
XYZ	21.6276, 20.9552, 43.4623
YIQ	126.2260, -23.5230, 13.3170

Conversions

Conversions Part 2

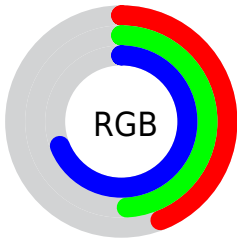
Format	Color
R_{YB}	112, 122, 175
Decimal	7371951
CIE _{Lab}	52.90, 8.27, -28.46
CIE _{LCh}	53, 29.641, 286.198
Yxy	20.9552, 0.2514, 0.2435
Android (android.graphics.Color)	4285562031 (0xFF707CAF)
YUV	126.2260, 24.0456, -12.4762
Hunter-Lab	45.7768, 4.2242, -24.2484

Details

The Hex color **707CAF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AFA370**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A6B0E7**, and **3D4B7A** is the 20% darker color. If you saturate the color by 10%, you get **5F6EAF**, and if you desaturate by 10%, it is **828AAF**.

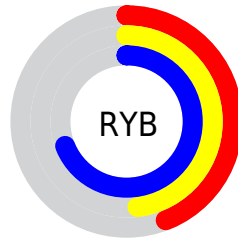
Distribution



Red (44%)

Green (49%)

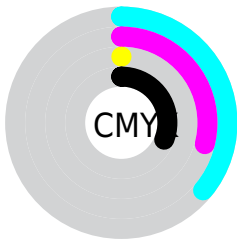
Blue (69%)



Red (44%)

Yellow (48%)

Blue (69%)

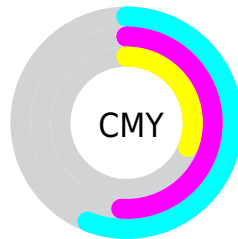


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (31%)



Cyan (56%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 707CAF 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 707CAF by changing the saturation by 10% instead.

■ 707CAF

■ 707CAF

FFFFFF

■ 566394

■ A6B0E7

■ 3D4B7A

■ C1CCFF

■ 233561

■ DEE8FF

■ 052049

■ FBFFFF

■ 000832

■ 00021D

■ 000000

■ 707CAF

■ 707CAF

■ 5F6EAF

■ 828AAF

■ 4D60AF

■ 9398AF

■ 3B52AF

■ A4A7AF

■ 2A43AF

■ B6B5AF

■ 1935AF

■ C8C3AF

■ 0727AF

■ D9D1AF

■ 0021AF

■ EBDFAF

■ FCEDAF

■ FFFBAF

Harmonies

Analogous

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



4584AF



707CAF



9373A2

Triad

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



707CAF



AA705B



448B71

Complementary

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



707CAF



AFA370

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.



65875A



707CAF



9A794D

Square

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



707CAF



B06B71



81814D



228C8C

Rectangle

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



707CAF



A36E93



81814D



508A69

Sweetspot

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



707CAF



CACFE3



70AFA2



646773



F2F2F2



737373

Same Dimension

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



707CAF



8194E3



8370AF



4E5057



001D96



000417

Inverse Universe

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



AF707C



E38194



9CAF70



574E50



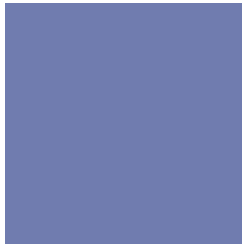
96001D



170004

Previews

White Background



This preview shows how the Hex color 707CAF looks on a white background.

Color Contrast Check

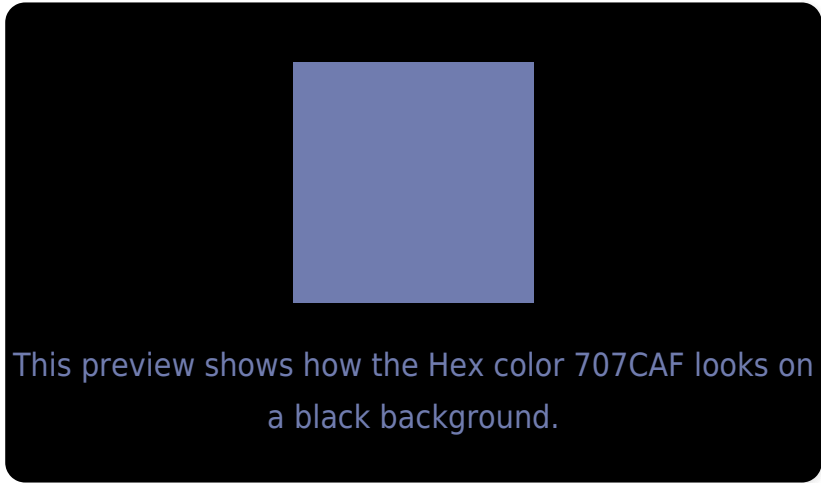
Large Text (above 18pt) WCAG AA ✓ Pass

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

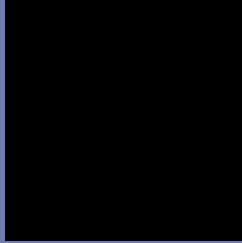
Any Text WCAG AA ✓ Pass

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 707CAF Background



This preview shows how black text looks on a background with the Hex color 707CAF.



This preview shows how white text looks on a background with the Hex color 707CAF.

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
707CAF

Protanopia
6F7CAF

Deuteranopia
6E7DAF



Tritanopia
68838D

Trichromacy



Original Color
707CAF

Protanomaly
6F7CAF

Deuteranomaly
6F7DAF

Tritanomaly
6B8099

Monochromacy



Original Color
707CAF

Achromatopsia
7E7E7E

Achromatomaly
797D90

CSS Examples

Text

The CSS property to change the color of the text to Hex 707CAF 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 #707CAF looks like.

```
.text, #text, p{  
    color:#707CAF  
}
```

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 #707CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707CAF
}
```

Border

The CSS property to change the border of an element to Hex 707CAF 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
#707CAF }
```

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

```
.border{ border-color:#707CAF }
```

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

Here you see how a box with a 4 pixel #707CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707CAF; -webkit-box-shadow:4px 4px  
4px 4px #707CAF; box-shadow:4px 4px 4px  
4px #707CAF }
```

Background

The CSS property to change the background color of an element to Hex 707CAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707CAF }
```

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

```
.background{ background-color:#707CAF }
```

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