

Converting Colors

Hex(68507C)

Have a look what the booklet for
Hex(68507C) contains.

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Color

Hex(68507C)

Conversions

Conversions Part 1

Format	Color
Hex	68507C
RGB	104, 80, 124
RGB Percent	41%, 31%, 49%
CMY	0.5922, 0.6863, 0.5137
CMYK	0.16, 0.35, 0.00, 0.51
HSL	273°, 22%, 40%
HSV	273°, 35%, 49%
XYZ	12.2157, 10.1356, 20.3813
YIQ	92.1920, 0.1800, 18.7720

Conversions

Conversions Part 2

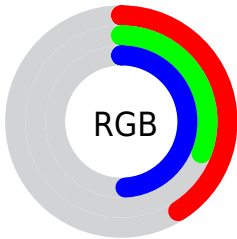
Format	Color
R_{YB}	104, 80, 124
Decimal	6836348
CIE _{Lab}	38.08, 19.20, -21.16
CIE _{LCh}	38, 28.573, 312.227
Yxy	10.1356, 0.2859, 0.2372
Android (android.graphics.Color)	4285026428 (0xFF68507C)
YUV	92.1920, 15.6813, 10.3556
Hunter-Lab	31.8365, 12.7767, -15.6712

Details

The Hex color **68507C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **647C50**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9C82B1**, and **38234B** is the 20% darker color. If you saturate the color by 10%, you get **62447C**, and if you desaturate by 10%, it is **6E5C7C**.

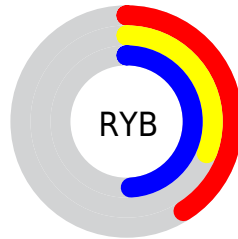
Distribution



Red (41%)

Green (31%)

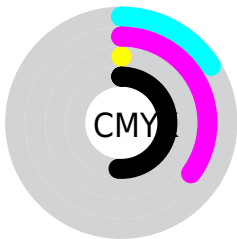
Blue (49%)



Red (41%)

Yellow (31%)

Blue (49%)

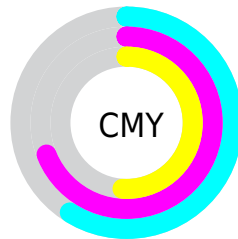


Cyan (16%)

Magenta (35%)

Yellow (0%)

Black (51%)



Cyan (59%)

Magenta (69%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68507C 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 68507C by changing the saturation by 10% instead.



68507C



68507C

FFFFFF



4F3963



9C82B1



38234B



B79CCC



210E34



D3B7E8



08001F



EFD2FF



000001



FFEFFF



000000



68507C



68507C



62447C



6E5C7C



5D377C



73697C

■ 572B7C

■ 79757C

■ 511E7C

■ 7F827C

■ 4C127C

■ 848E7C

■ 46067C

■ 8A9A7C

■ 44007C

■ 8FA77C

■ 95B37C

■ 9BC07C

Harmonies

Analogous

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



465987



68507C



7E4968

Triad

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



68507C



74532D



006663

Complementary

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



68507C



647C50

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.



25654B



68507C



5F5B2B

Square

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



68507C



824B3C



456136



006478

Rectangle

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



68507C



844759



456136



00665B

Sweetspot

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



68507C



998FA1



50657C



4D4752



D1D1D1



525252

Same Dimension

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



68507C



815CA1



7C507B



3A373D



44007D



8A00FC

Inverse Universe

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



7C5064



A15C7B



507C51



3D373A



7D0039



FC0073

Previews

White Background



This preview shows how the Hex color 68507C looks on a white background.

Color Contrast Check

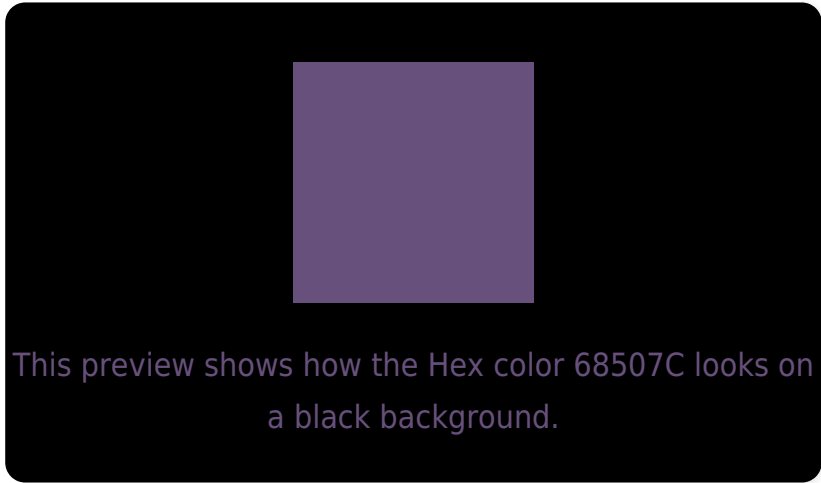
Large Text (above 18pt) WCAG AA ✓ Pass

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

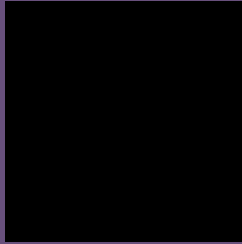
Any Text WCAG AA × Fail

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 68507C Background



This preview shows how black text looks on a background with the Hex color 68507C.



This preview shows how white text looks on a background with the Hex color 68507C.

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
68507C

Protanopia
4C5883

Deuteranopia
50597A



Tritanopia
63565D

Trichromacy



Original Color
68507C

Protanomaly
565580

Deuteranomaly
59567B

Tritanomaly
655468

Monochromacy



Original Color
68507C

Achromatopsia
5C5C5C

Achromatomaly
605868

CSS Examples

Text

The CSS property to change the color of the text to Hex 68507C 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 #68507C looks like.

```
.text, #text, p{  
    color:#68507C  
}
```

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 #68507C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68507C
}
```

Border

The CSS property to change the border of an element to Hex 68507C is called "border". The border property can be set on classes, ids or directly on the HTML element.

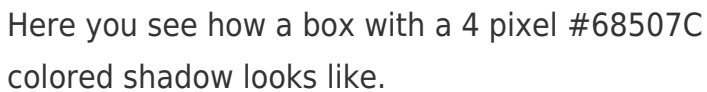
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68507C }
```

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

```
.border{ border-color:#68507C }
```

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



Here you see how a box with a 4 pixel #68507C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68507C; -webkit-box-shadow:4px 4px  
4px 4px #68507C; box-shadow:4px 4px 4px  
4px #68507C }
```

Background

The CSS property to change the background color of an element to Hex 68507C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68507C }
```

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

```
.background{ background-color:#68507C }
```

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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