

Converting Colors

Hex(65507C)

Have a look what the booklet for
Hex(65507C) contains.

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Color

Hex(65507C)

Conversions

Conversions Part 1

Format	Color
Hex	65507C
RGB	101, 80, 124
RGB Percent	40%, 31%, 49%
CMY	0.6039, 0.6863, 0.5137
CMYK	0.19, 0.35, 0.00, 0.51
HSL	269°, 22%, 40%
HSV	269°, 35%, 49%
XYZ	11.8736, 9.9593, 20.3653
YIQ	91.2950, -1.6080, 18.1360

Conversions

Conversions Part 2

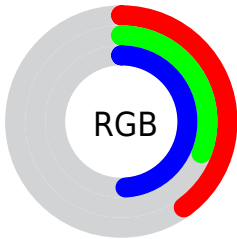
Format	Color
R_{YB}	101, 80, 124
Decimal	6639740
CIE _{Lab}	37.77, 18.18, -21.67
CIE _{LCh}	38, 28.291, 310.000
Yxy	9.9593, 0.2814, 0.2360
Android (android.graphics.Color)	4284829820 (0xFF65507C)
YUV	91.2950, 16.1236, 8.5113
Hunter-Lab	31.5583, 11.9323, -16.1704

Details

The Hex color **65507C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **677C50**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9981B1**, and **35234B** is the 20% darker color. If you saturate the color by 10%, you get **5F447C**, and if you desaturate by 10%, it is **6B5C7C**.

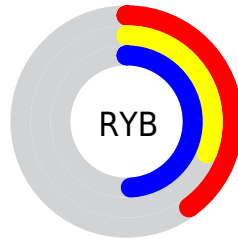
Distribution



Red (40%)

Green (31%)

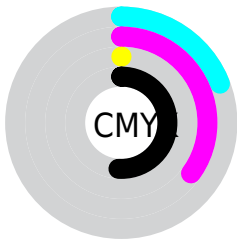
Blue (49%)



Red (40%)

Yellow (31%)

Blue (49%)

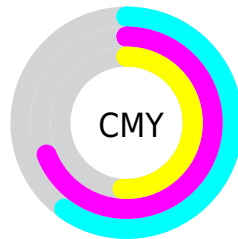


Cyan (19%)

Magenta (35%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (69%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65507C 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 65507C by changing the saturation by 10% instead.

■ 65507C

■ 65507C

FFFFFF

■ 4D3963

■ 9981B1

■ 35234B

■ B49CCC

■ 1F0F34

■ CFB6E8

■ 01001F

■ ECD2FF

■ 000001

■ FFEEFF

■ 000000

■ 65507C

■ 65507C

■ 5F447C

■ 6B5C7C

■ 58377C

■ 72697C

■ 522B7C

■ 78757C

■ 4B1E7C

■ 7F827C

■ 45127C

■ 858E7C

■ 3E067C

■ 8C9A7C

■ 3B007C

■ 92A77C

■ 99B37C

■ 9FC07C

Harmonies

Analogous

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



425986



65507C



7B4969

Triad

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



65507C



74522E



006560

Complementary

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



65507C



677C50

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.



286448



65507C



605A2B

Square

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



65507C



814A3D



476035



006476

Rectangle

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



65507C



83465A



476035



016558

Sweetspot

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



65507C



978FA1



50677C



4C4752



D1D1D1



525252

Same Dimension

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



65507C



7D5CA1



7B507C



3A373D



3C007D



7800FC

Inverse Universe

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



7C5067



A15C80



517C50



3D373A



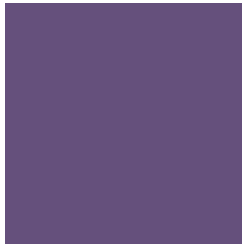
7D0041



FC0084

Previews

White Background



This preview shows how the Hex color 65507C looks on a white background.

Color Contrast Check

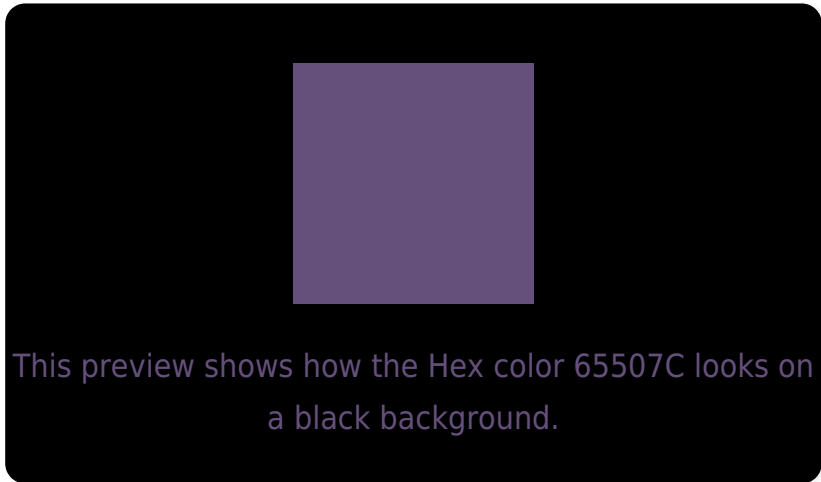
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

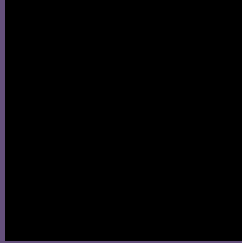
Any Text WCAG AA × Fail

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 65507C Background



This preview shows how black text looks on a background with the Hex color 65507C.

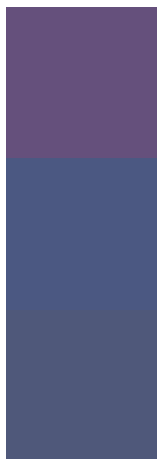


This preview shows how white text looks on a background with the Hex color 65507C.

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](#).

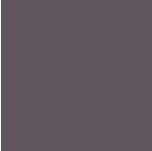
Dichromacy



Original Color
65507C

Protanopia
4B5882

Deuteranopia
4F587A



Tritanopia
60565D

Trichromacy



Original Color
65507C

Protanomaly
545580

Deuteranomaly
57557B

Tritanomaly
625468

Monochromacy



Original Color
65507C

Achromatopsia
5B5B5B

Achromatomaly
5F5767

CSS Examples

Text

The CSS property to change the color of the text to Hex 65507C 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 #65507C looks like.

```
.text, #text, p{  
    color:#65507C  
}
```

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 #65507C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65507C
}
```

Border

The CSS property to change the border of an element to Hex 65507C is called "border". The border property can be set on classes, ids or directly on the HTML element.

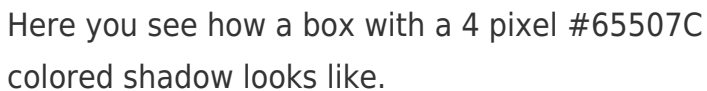
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65507C }
```

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

```
.border{ border-color:#65507C }
```

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



Here you see how a box with a 4 pixel #65507C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65507C; -webkit-box-shadow:4px 4px  
4px 4px #65507C; box-shadow:4px 4px 4px  
4px #65507C }
```

Background

The CSS property to change the background color of an element to Hex 65507C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65507C }
```

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

```
.background{ background-color:#65507C }
```

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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