

Converting Colors

Hex(50507C)

Have a look what the booklet for
Hex(50507C) contains.

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Color

Hex(50507C)

Conversions

Conversions Part 1

Format	Color
Hex	50507C
RGB	80, 80, 124
RGB Percent	31%, 31%, 49%
CMY	0.6863, 0.6863, 0.5137
CMYK	0.35, 0.35, 0.00, 0.51
HSL	240°, 22%, 40%
HSV	240°, 35%, 49%
XYZ	9.8150, 8.8980, 20.2690
YIQ	85.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

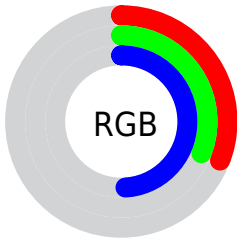
Format	Color
RYB	80, 80, 124
Decimal	5263484
CIELab	35.79, 11.36, -24.91
CIElCh	36, 27.376, 294.511
Yxy	8.8980, 0.2518, 0.2283
Android (android.graphics.Color)	4283453564 (0xFF50507C)
YUV	85.0160, 19.2191, -4.3990
Hunter-Lab	29.8296, 6.5313, -19.4064

Details

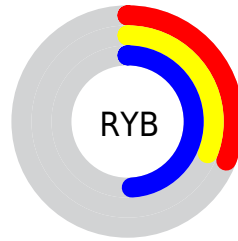
The Hex color **50507C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C7C50**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8381B1**, and **20244B** is the 20% darker color. If you saturate the color by 10%, you get **44447C**, and if you desaturate by 10%, it is **5C5C7C**.

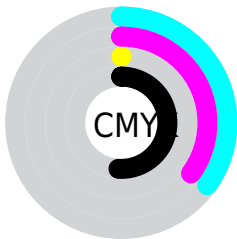
Distribution



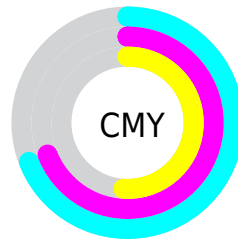
- Red (31%)
- Green (31%)
- Blue (49%)



- Red (31%)
- Yellow (31%)
- Blue (49%)



- Cyan (35%)
- Magenta (35%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50507C 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 50507C by changing the saturation by 10% instead.

■ 50507C

■ 50507C

FFFFFF

■ 383963

■ 8381B1

■ 20244B

■ 9D9BCC

■ 080F34

■ B9B6E9

■ 00021E

■ D5D1FF

■ 000001

■ F1EEFF

■ 000000

■ 50507C

■ 50507C

■ 44447C

■ 5C5C7C

■ 37377C

■ 69697C

■ 2B2B7C

■ 75757C

■ 1E1E7C

■ 82827C

■ 12127C

■ 8E8E7C

■ 06067C

■ 9A9A7C

■ 00007C

■ A7A77C

■ B3B37C

■ C0C07C

Harmonies

Analogous

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



275880



50507C



6C486E

Triad

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



50507C



764A31



0E5F4F

Complementary

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



50507C



7C7C50

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.



365D3A



50507C



655228

Square

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



50507C



7E4443



50582B



005F66

Rectangle

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



50507C



774460



50582B



1F5F48

Sweetspot

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



50507C



8F8FA1



507C7C



474752



D1D1D1



525252

Same Dimension

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



50507C



5C5CA1



66507C



37373D



00007D



0000FC

Inverse Universe

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



7C507C



A15CA1



667C50



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 50507C looks on a white background.

Color Contrast Check

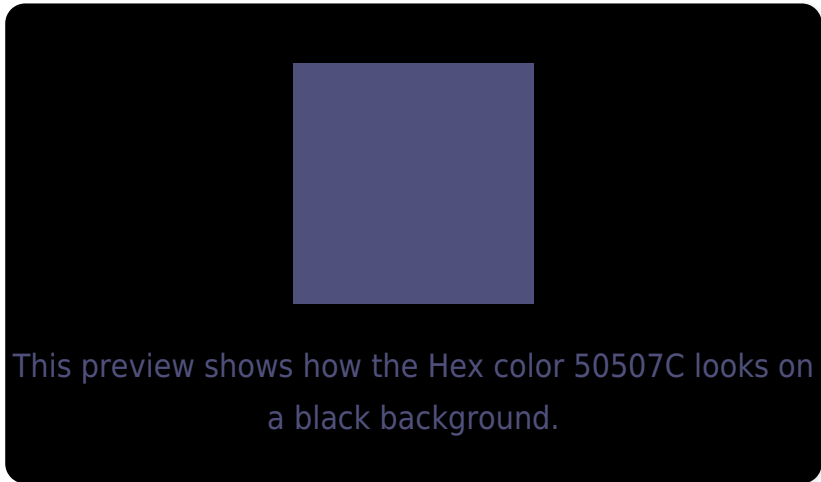
Large Text (above 18pt) WCAG AA ✓ Pass

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

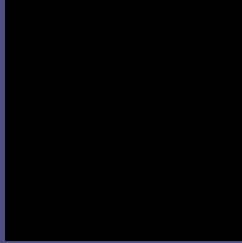
Any Text WCAG AA × Fail

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 50507C Background



This preview shows how black text looks on a background with the Hex color 50507C.

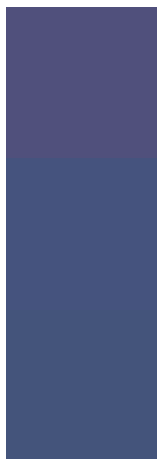


This preview shows how white text looks on a background with the Hex color 50507C.

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](#).

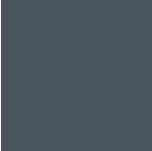
Dichromacy



Original Color
50507C

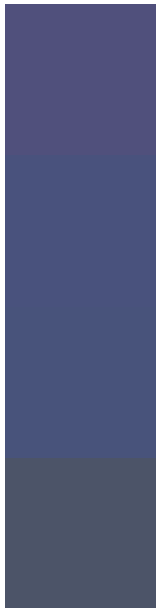
Protanopia
45337E

Deuteranopia
44547B



Tritanopia
49565D

Trichromacy



Original Color
50507C

Protanomaly
49527D

Deuteranomaly
48537B

Tritanomaly
4C5468

Monochromacy



Original Color
50507C

Achromatopsia
555555

Achromatomaly
535363

CSS Examples

Text

The CSS property to change the color of the text to Hex 50507C 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 #50507C looks like.

```
.text, #text, p{  
    color:#50507C  
}
```

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 #50507C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50507C
}
```

Border

The CSS property to change the border of an element to Hex 50507C 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
#50507C }
```

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

```
.border{ border-color:#50507C }
```

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

Here you see how a box with a 4 pixel #50507C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50507C; -webkit-box-shadow:4px 4px  
4px 4px #50507C; box-shadow:4px 4px 4px  
4px #50507C }
```

Background

The CSS property to change the background color of an element to Hex 50507C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50507C }
```

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

```
.background{ background-color:#50507C }
```

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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