

Converting Colors

Hex(50747D)

Have a look what the booklet for
Hex(50747D) contains.

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Color

Hex(50747D)

Conversions

Conversions Part 1

Format	Color
Hex	50747D
RGB	80, 116, 125
RGB Percent	31%, 45%, 49%
CMY	0.6863, 0.5451, 0.5098
CMYK	0.36, 0.07, 0.00, 0.51
HSL	192°, 22%, 40%
HSV	192°, 36%, 49%
XYZ	13.2553, 15.6769, 21.7294
YIQ	106.2620, -24.3450, -4.8330

Conversions

Conversions Part 2

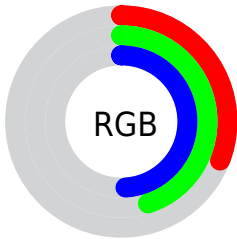
Format	Color
R_{YB}	80, 100, 125
Decimal	5272701
CIE _{Lab}	46.55, -10.31, -9.04
CIE _{LCh}	47, 13.710, 221.226
Yxy	15.6769, 0.2616, 0.3094
Android (android.graphics.Color)	4283462781 (0xFF50747D)
YUV	106.2620, 9.2378, -23.0318
Hunter-Lab	39.5941, -9.5314, -4.8227

Details

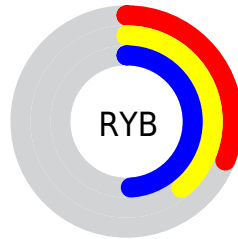
The Hex color **50747D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D5950**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **83A8B2**, and **1F444C** is the 20% darker color. If you saturate the color by 10%, you get **44717D**, and if you desaturate by 10%, it is **5D767D**.

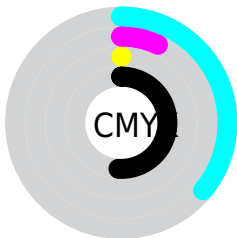
Distribution



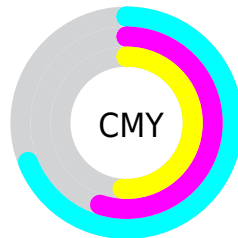
- Red (31%)
- Green (45%)
- Blue (49%)



- Red (31%)
- Yellow (39%)
- Blue (49%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50747D 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 50747D by changing the saturation by 10% instead.

■ 50747D

■ 50747D

FFFFFF

■ 385B64

■ 83A8B2

■ 1F444C

■ 9EC3CD

■ 052E35

■ B9DFE9

■ 001920

■ D5FCFF

■ 000008

■ F2FFFF

■ 000000

■ 50747D

■ 50747D

■ 44717D

■ 5D767D

■ 376F7D

■ 69797D

■ 2B6C7D

■ 767C7D

■ 1E6A7D

■ 827E7D

■ 12677D

■ 8F817D

■ 05657D

■ 9B837D

■ 00647D

■ A8867D

■ B4887D

■ C18B7D

Harmonies

Analogous

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



517572



50747D



597184

Triad

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



50747D



816776



736F58

Complementary

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



50747D



7D5950

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.



7E6B59



50747D



86666A

Square

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



50747D



766A80



856860



66725D

Rectangle

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



50747D



626F85



856860



776E57

Sweetspot

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



50747D



91A0A3



507D59



474F52



D1D1D1



525252

Same Dimension

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



50747D



5D95A3



505E7D



393E40



006680



000000

Inverse Universe

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



7D5074



A35D95



7D7050



40393E



800066



000000

Previews

White Background



This preview shows how the Hex color 50747D looks on a white background.

Color Contrast Check

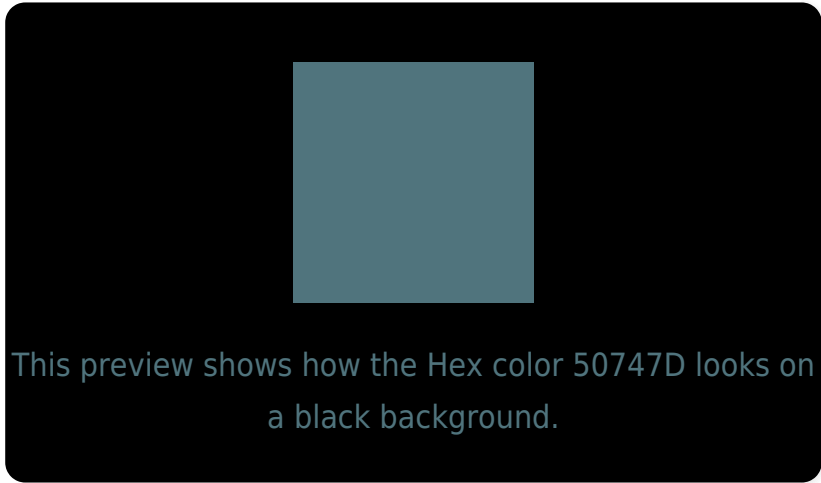
Large Text (above 18pt) WCAG AA ✓ Pass

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

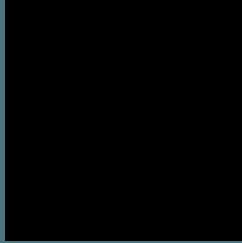
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

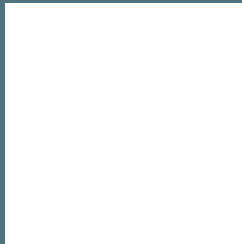
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 50747D Background



This preview shows how black text looks on a background with the Hex color 50747D.

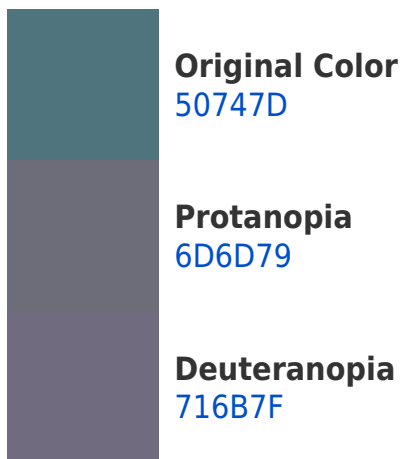


This preview shows how white text looks on a background with the Hex color 50747D.

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](#).

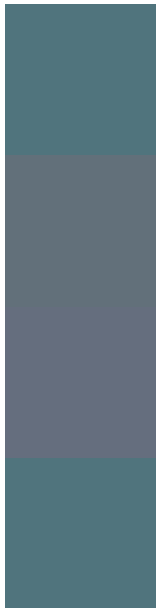
Dichromacy





Tritanopia
50747D

Trichromacy



Original Color
50747D

Protanomaly
62707A

Deuteranomaly
656E7E

Tritanomaly
50747D

Monochromacy



Original Color
50747D

Achromatopsia
6A6A6A

Achromatomaly
616E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 50747D 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 #50747D looks like.

```
.text, #text, p{  
    color:#50747D  
}
```

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 #50747D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50747D
}
```

Border

The CSS property to change the border of an element to Hex 50747D 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
#50747D }
```

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

```
.border{ border-color:#50747D }
```

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

Here you see how a box with a 4 pixel #50747D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50747D; -webkit-box-shadow:4px 4px  
4px 4px #50747D; box-shadow:4px 4px 4px  
4px #50747D }
```

Background

The CSS property to change the background color of an element to Hex 50747D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50747D }
```

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

```
.background{ background-color:#50747D }
```

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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