

Converting Colors

Hex(50727A)

Have a look what the booklet for
Hex(50727A) contains.

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Color

Hex(50727A)

Conversions

Conversions Part 1

Format	Color
Hex	50727A
RGB	80, 114, 122
RGB Percent	31%, 45%, 48%
CMY	0.6863, 0.5529, 0.5216
CMYK	0.34, 0.07, 0.00, 0.52
HSL	191°, 21%, 40%
HSV	191°, 34%, 48%
XYZ	12.8384, 15.1452, 20.6590
YIQ	104.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

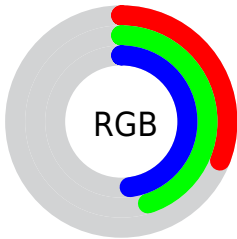
Format	Color
RYB	80, 99, 122
Decimal	5272186
CIELab	45.83, -9.98, -8.32
CIElCh	46, 12.988, 219.818
Yxy	15.1452, 0.2639, 0.3114
Android (android.graphics.Color)	4283462266 (0xFF50727A)
YUV	104.7460, 8.5062, -21.7022
Hunter-Lab	38.9169, -9.2186, -4.2323

Details

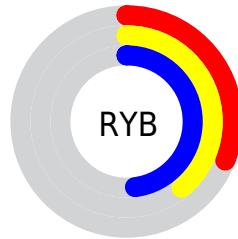
The Hex color **50727A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5850**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **83A6AE**, and **204249** is the 20% darker color. If you saturate the color by 10%, you get **44707A**, and if you desaturate by 10%, it is **5C747A**.

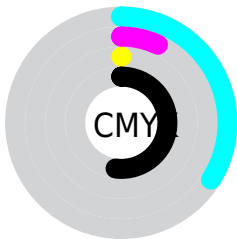
Distribution



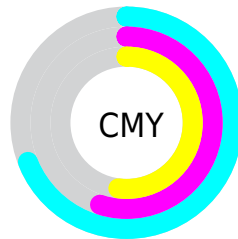
- Red (31%)
- Green (45%)
- Blue (48%)



- Red (31%)
- Yellow (39%)
- Blue (48%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (52%)



- Cyan (69%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50727A 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 50727A by changing the saturation by 10% instead.

■ 50727A

■ 50727A

FFFFFF

■ 385961

■ 83A6AE

■ 204249

■ 9DC1CA

■ 062C33

■ B9DDE6

■ 00181E

■ D5FAFF

■ 000003

■ F1FFFF

■ 000000

■ 50727A

■ 50727A

■ 44707A

■ 5C747A

■ 386D7A

■ 68777A

■ 2B6B7A

■ 75797A

■ 1F697A

■ 817B7A

■ 13667A

■ 8D7E7A

■ 07647A

■ 99807A

■ 00637A

■ A5827A

■ B2857A

■ BE877A

Harmonies

Analogous

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



517370



50727A



587081

Triad

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



50727A



7E6674



716D57

Complementary

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



50727A



7A5850

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.



7C6958



50727A



836569

Square

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



50727A



73697D



82665F



65705C

Rectangle

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



50727A



606D82



82665F



756C57

Sweetspot

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



50727A



8E9B9E



507A58



464D4F



CFCFCF



4F4F4F

Same Dimension

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



50727A



5D929E



505D7A



373C3D



00657D



00CCFC

Inverse Universe

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



7A5072



9E5D92



7A6D50



3D373C



7D0065



FC00CC

Previews

White Background



This preview shows how the Hex color 50727A looks on a white background.

Color Contrast Check

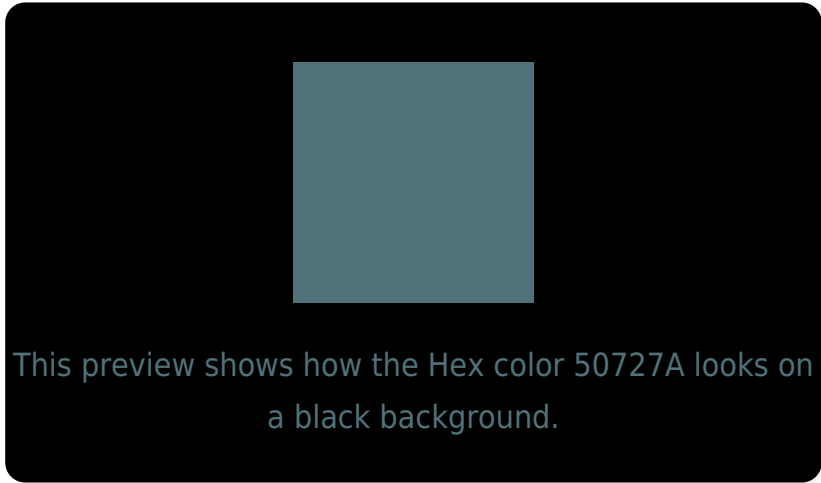
Large Text (above 18pt) WCAG AA ✓ Pass

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

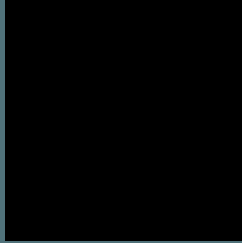
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

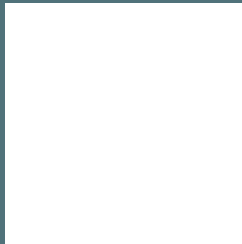
Any Text WCAG AAA × Fail

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

Hex 50727A Background



This preview shows how black text looks on a background with the Hex color 50727A.

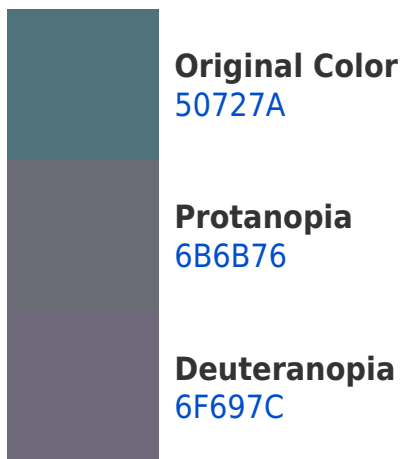


This preview shows how white text looks on a background with the Hex color 50727A.

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](#).

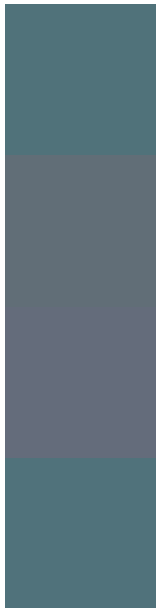
Dichromacy





Tritanopia
50727B

Trichromacy



Original Color
50727A

Protanomaly
616E77

Deuteranomaly
646C7B

Tritanomaly
50727B

Monochromacy



Original Color
50727A

Achromatopsia
696969

Achromatomaly
606C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 50727A 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 #50727A looks like.

```
.text, #text, p{  
    color:#50727A  
}
```

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 #50727A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50727A
}
```

Border

The CSS property to change the border of an element to Hex 50727A 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
#50727A }
```

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

```
.border{ border-color:#50727A }
```

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

Here you see how a box with a 4 pixel #50727A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50727A; -webkit-box-shadow:4px 4px  
4px 4px #50727A; box-shadow:4px 4px 4px  
4px #50727A }
```

Background

The CSS property to change the background color of an element to Hex 50727A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50727A }
```

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

```
.background{ background-color:#50727A }
```

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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