

Converting Colors

Hex(51727A)

Have a look what the booklet for
Hex(51727A) contains.

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Color

Hex(51727A)

Conversions

Conversions Part 1

Format	Color
Hex	51727A
RGB	81, 114, 122
RGB Percent	32%, 45%, 48%
CMY	0.6824, 0.5529, 0.5216
CMYK	0.34, 0.07, 0.00, 0.52
HSL	192°, 20%, 40%
HSV	192°, 34%, 48%
XYZ	12.9235, 15.1891, 20.6630
YIQ	105.0450, -22.2360, -4.5080

Conversions

Conversions Part 2

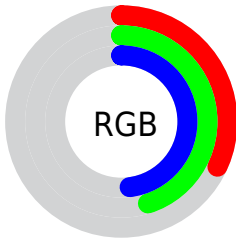
Format	Color
RYB	81, 99, 122
Decimal	5337722
CIELab	45.89, -9.67, -8.22
CIElCh	46, 12.691, 220.379
Yxy	15.1891, 0.2650, 0.3114
Android (android.graphics.Color)	4283527802 (0xFF51727A)
YUV	105.0450, 8.3588, -21.0875
Hunter-Lab	38.9732, -9.0125, -4.1534

Details

The Hex color **51727A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5951**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **84A6AE**, and **214249** is the 20% darker color. If you saturate the color by 10%, you get **45707A**, and if you desaturate by 10%, it is **5D747A**.

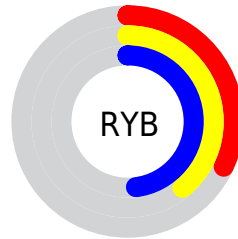
Distribution



Red (32%)

Green (45%)

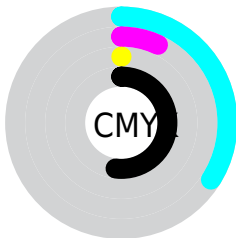
Blue (48%)



Red (32%)

Yellow (39%)

Blue (48%)

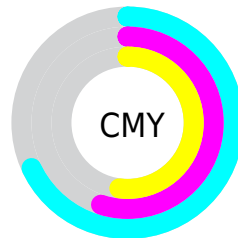


Cyan (34%)

Magenta (7%)

Yellow (0%)

Black (52%)



Cyan (68%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51727A 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 51727A by changing the saturation by 10% instead.

■ 51727A

■ 51727A

FFFFFF

■ 395961

■ 84A6AE

■ 214249

■ 9EC1CA

■ 082C33

■ BADDE6

■ 00181E

■ D6FAFF

■ 000003

■ F2FFFF

■ 000000

■ 51727A

■ 51727A

■ 45707A

■ 5D747A

■ 396D7A

■ 69777A

■ 2C6B7A

■ 76797A

■ 20687A

■ 827C7A

■ 14667A

■ 8E7E7A

■ 08647A

■ 9A807A

■ 00627A

■ A6837A

■ B3857A

■ BF877A

Harmonies

Analogous

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



527370



51727A



597080

Triad

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



51727A



7E6674



716D58

Complementary

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



51727A



7A5951

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.



7B6A59



51727A



836569

Square

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



51727A



73697D



82675F



65705C

Rectangle

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



51727A



616E82



82675F



756C58

Sweetspot

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



51727A



8E9B9E



517A59



464D4F



CFCFCF



4F4F4F

Same Dimension

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



51727A



5F929E



515E7A



373C3D



00657D



00CBFC

Inverse Universe

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



7A5172



9E5F92



7A6D51



3D373C



7D0065



FC00CB

Previews

White Background



This preview shows how the Hex color 51727A looks on a white background.

Color Contrast Check

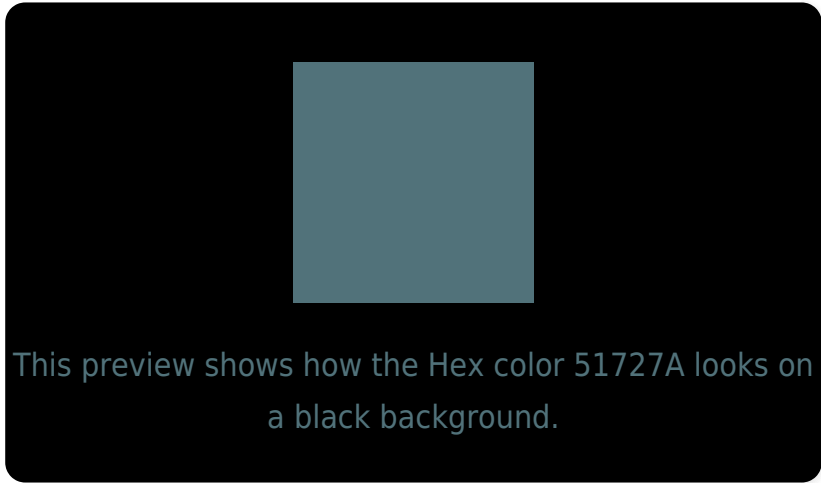
Large Text (above 18pt) WCAG AA ✓ Pass

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

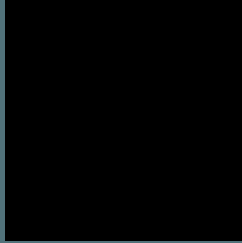
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

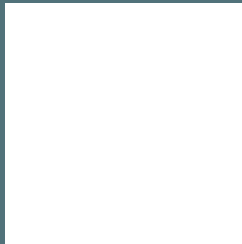
Any Text WCAG AAA × Fail

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

Hex 51727A Background



This preview shows how black text looks on a background with the Hex color 51727A.

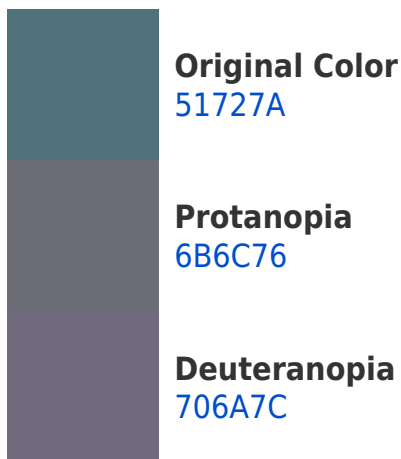


This preview shows how white text looks on a background with the Hex color 51727A.

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](#).

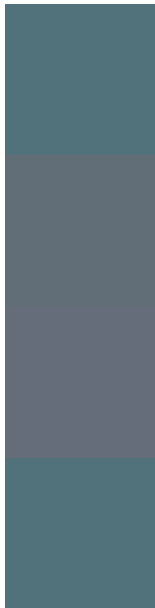
Dichromacy





Tritanopia
51727B

Trichromacy



Original Color
51727A

Protanomaly
626E77

Deuteranomaly
656D7B

Tritanomaly
51727B

Monochromacy



Original Color
51727A

Achromatopsia
696969

Achromatomaly
606C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 51727A 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 #51727A looks like.

```
.text, #text, p{  
    color:#51727A  
}
```

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 #51727A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51727A
}
```

Border

The CSS property to change the border of an element to Hex 51727A 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
#51727A }
```

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

```
.border{ border-color:#51727A }
```

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

Here you see how a box with a 4 pixel #51727A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51727A; -webkit-box-shadow:4px 4px  
4px 4px #51727A; box-shadow:4px 4px 4px  
4px #51727A }
```

Background

The CSS property to change the background color of an element to Hex 51727A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51727A }
```

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

```
.background{ background-color:#51727A }
```

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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