

Converting Colors

Hex(51627F)

Have a look what the booklet for
Hex(51627F) contains.

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Color

Hex(51627F)

Conversions

Conversions Part 1

Format	Color
Hex	51627F
RGB	81, 98, 127
RGB Percent	32%, 38%, 50%
CMY	0.6824, 0.6157, 0.5020
CMYK	0.36, 0.23, 0.00, 0.50
HSL	218°, 22%, 41%
HSV	218°, 36%, 50%
XYZ	11.5918, 12.0170, 21.7872
YIQ	96.2230, -19.4410, 5.4150

Conversions

Conversions Part 2

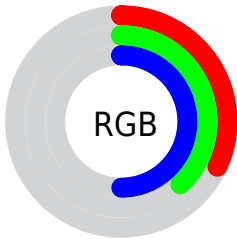
Format	Color
R_{YB}	81, 93, 127
Decimal	5333631
CIE _{Lab}	41.24, 1.22, -18.28
CIE _{LCh}	41, 18.325, 273.811
Yxy	12.0170, 0.2553, 0.2647
Android (android.graphics.Color)	4283523711 (0xFF51627F)
YUV	96.2230, 15.1731, -13.3506
Hunter-Lab	34.6655, -0.9762, -12.9978

Details

The Hex color **51627F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7F6E51**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8495B4**, and **21344E** is the 20% darker color. If you saturate the color by 10%, you get **445A7F**, and if you desaturate by 10%, it is **5E6A7F**.

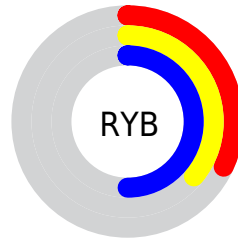
Distribution



Red (32%)

Green (38%)

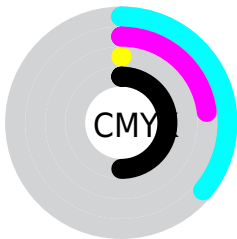
Blue (50%)



Red (32%)

Yellow (36%)

Blue (50%)

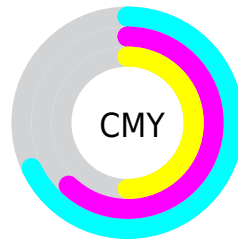


Cyan (36%)

Magenta (23%)

Yellow (0%)

Black (50%)



Cyan (68%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51627F 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 51627F by changing the saturation by 10% instead.

■ 51627F

■ 51627F

FFFFFF

■ 394A66

■ 8495B4

■ 21344E

■ 9EAFCF

■ 081F37

■ BACBEC

■ 000522

■ D6E7FF

■ 000008

■ F2FFFF

■ 000000

■ 51627F

■ 51627F

■ 445A7F

■ 5E6A7F

■ 38527F

■ 6A727F

■ 2B4A7F

■ 777A7F

■ 1E427F

■ 84827F

■ 113A7F

■ 918A7F

■ 05327F

■ 9D927F

■ 002F7F

■ AA9A7F

■ B7A27F

■ C3AA7F

Harmonies

Analogous

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



3D667C



51627F



665D7A

Triad

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



51627F



7F5851



496854

Complementary

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



51627F



7F6E51

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.



5A6548



51627F



775C47

Square

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



51627F



7F5660



6A6143



396A63

Rectangle

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



51627F



725973



6A6143



4E684F

Sweetspot

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



51627F



949AA6



517F6D



494D54



D4D4D4



545454

Same Dimension

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



51627F



5E79A6



56517F



393C40



002F80



000000

Inverse Universe

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



7F5162



A65E79



7A7F51



40393C



80002F



000000

Previews

White Background



This preview shows how the Hex color 51627F looks on a white background.

Color Contrast Check

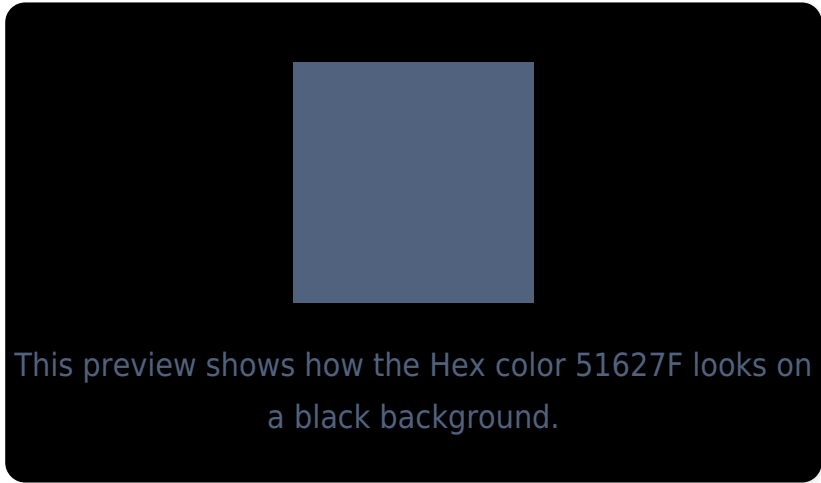
Large Text (above 18pt) WCAG AA ✓ Pass

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

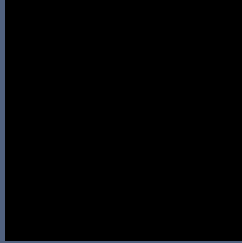
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

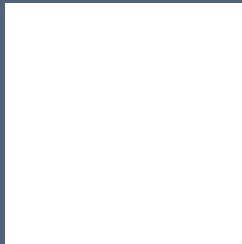
Any Text WCAG AAA × Fail

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

Hex 51627F Background



This preview shows how black text looks on a background with the Hex color 51627F.

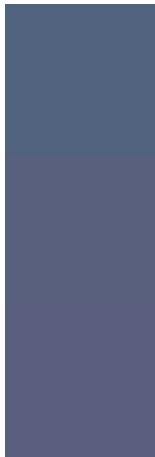


This preview shows how white text looks on a background with the Hex color 51627F.

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
51627F

Protanopia
59607E

Deuteranopia
5A5F80



Tritanopia
4D656D

Trichromacy



Original Color
51627F

Protanomaly
56617E

Deuteranomaly
576080

Tritanomaly
4E6474

Monochromacy



Original Color
51627F

Achromatopsia
606060

Achromatomaly
5B616B

CSS Examples

Text

The CSS property to change the color of the text to Hex 51627F 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 #51627F looks like.

```
.text, #text, p{  
    color:#51627F  
}
```

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 #51627F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51627F
}
```

Border

The CSS property to change the border of an element to Hex 51627F 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
#51627F }
```

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

```
.border{ border-color:#51627F }
```

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

Here you see how a box with a 4 pixel #51627F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51627F; -webkit-box-shadow:4px 4px  
4px 4px #51627F; box-shadow:4px 4px 4px  
4px #51627F }
```

Background

The CSS property to change the background color of an element to Hex 51627F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51627F }
```

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

```
.background{ background-color:#51627F }
```

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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