

Converting Colors

Hex(50627C)

Have a look what the booklet for
Hex(50627C) contains.

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Color

Hex(50627C)

Conversions

Conversions Part 1

Format	Color
Hex	50627C
RGB	80, 98, 124
RGB Percent	31%, 38%, 49%
CMY	0.6863, 0.6157, 0.5137
CMYK	0.35, 0.21, 0.00, 0.51
HSL	215°, 22%, 40%
HSV	215°, 35%, 49%
XYZ	11.3140, 11.8961, 20.7686
YIQ	95.5820, -19.0740, 4.2700

Conversions

Conversions Part 2

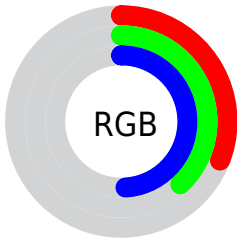
Format	Color
RYB	80, 93, 124
Decimal	5268092
CIELab	41.05, 0.05, -16.76
CIELCh	41, 16.765, 270.178
Yxy	11.8961, 0.2573, 0.2705
Android (android.graphics.Color)	4283458172 (0xFF50627C)
YUV	95.5820, 14.0101, -13.6654
Hunter-Lab	34.4907, -1.8050, -11.5581

Details

The Hex color **50627C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7C6A50**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8395B1**, and **20344B** is the 20% darker color. If you saturate the color by 10%, you get **445B7C**, and if you desaturate by 10%, it is **5C697C**.

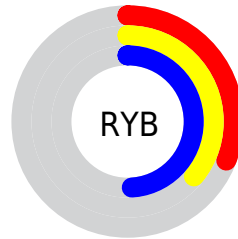
Distribution



Red (31%)

Green (38%)

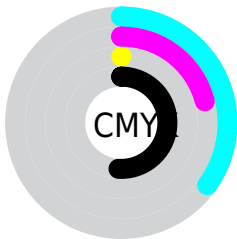
Blue (49%)



Red (31%)

Yellow (36%)

Blue (49%)

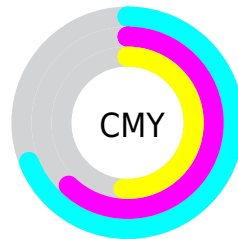


Cyan (35%)

Magenta (21%)

Yellow (0%)

Black (51%)



Cyan (69%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50627C 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 50627C by changing the saturation by 10% instead.

■ 50627C

■ 50627C

FFFFFF

■ 384A63

■ 8395B1

■ 20344B

■ 9DAFCC

■ 081F34

■ B8CBE8

■ 00051F

■ D4E7FF

■ 000003

■ F1FFFF

■ 000000

■ 50627C

■ 50627C

■ 445B7C

■ 5C697C

■ 37537C

■ 69717C

■ 2B4C7C

■ 75787C

■ 1E457C

■ 827F7C

■ 123D7C

■ 8E877C

■ 06367C

■ 9A8E7C

■ 00337C

■ A7957C

■ B39D7C

■ C0A47C

Harmonies

Analogous

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



3F6678



50627C



635D78

Triad

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



50627C



7C5854



4C6753

Complementary

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



50627C



7C6A50

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.



5C6449



50627C



765B49

Square

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



50627C



7B5761



6B6045



3E6960

Rectangle

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



50627C



6E5A73



6B6045



51664F

Sweetspot

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



50627C



8F96A1



507C6A



474B52



D1D1D1



525252

Same Dimension

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



50627C



5C78A1



54507C



373A3D



00337D



0067FC

Inverse Universe

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



7C5062



A15C78



787C50



3D373A



7D0033



FC0067

Previews

White Background



This preview shows how the Hex color 50627C looks on a white background.

Color Contrast Check

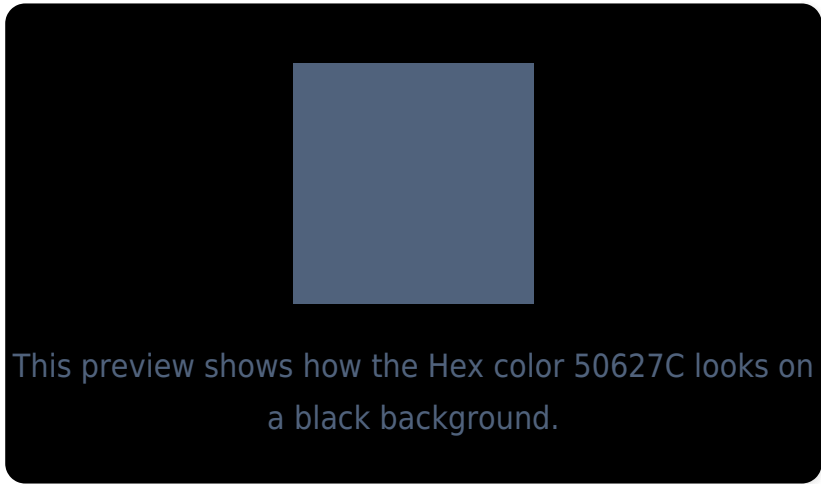
Large Text (above 18pt) WCAG AA ✓ Pass

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

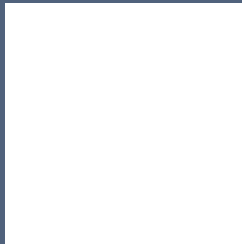
Any Text WCAG AAA × Fail

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

Hex 50627C Background



This preview shows how black text looks on a background with the Hex color 50627C.



This preview shows how white text looks on a background with the Hex color 50627C.

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
50627C

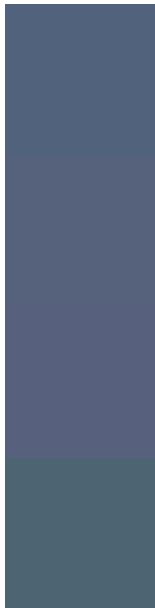
Protanopia
5A607A

Deuteranopia
5B5F7D



Tritanopia
4C656D

Trichromacy



Original Color
50627C

Protanomaly
56617B

Deuteranomaly
57607D

Tritanomaly
4D6472

Monochromacy



Original Color
50627C

Achromatopsia
606060

Achromatomaly
5A616A

CSS Examples

Text

The CSS property to change the color of the text to Hex 50627C 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 #50627C looks like.

```
.text, #text, p{  
    color:#50627C  
}
```

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 #50627C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50627C
}
```

Border

The CSS property to change the border of an element to Hex 50627C 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
#50627C }
```

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

```
.border{ border-color:#50627C }
```

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

Here you see how a box with a 4 pixel #50627C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50627C; -webkit-box-shadow:4px 4px  
4px 4px #50627C; box-shadow:4px 4px 4px  
4px #50627C }
```

Background

The CSS property to change the background color of an element to Hex 50627C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50627C }
```

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

```
.background{ background-color:#50627C }
```

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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