

# Converting Colors

Hex(625780)

Have a look what the booklet for  
Hex(625780) contains.

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# Color

**Hex(625780)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	625780
RGB	98, 87, 128
RGB Percent	38%, 34%, 50%
CMY	0.6157, 0.6588, 0.4980
CMYK	0.23, 0.32, 0.00, 0.50
HSL	256°, 19%, 42%
HSV	256°, 32%, 50%
XYZ	12.3415, 10.9716, 21.8893
YIQ	94.9630, -6.6050, 15.0830

# Conversions

## Conversions Part 2

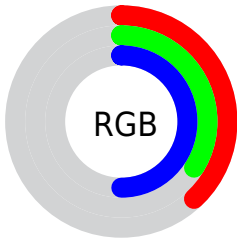
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 87, 128
Decimal	6444928
CIE <sub>Lab</sub>	39.53, 13.83, -21.42
CIE <sub>LCh</sub>	40, 25.491, 302.844
Yxy	10.9716, 0.2730, 0.2427
Android (android.graphics.Color)	4284635008 (0xFF625780)
<b>YUV</b>	94.9630, 16.2872, 2.6634
Hunter-Lab	33.1234, 8.5417, -15.9950

# Details

The Hex color **625780** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **758057**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9589B5**, and **322A4F** is the 20% darker color. If you saturate the color by 10%, you get **594A80**, and if you desaturate by 10%, it is **6B6480**.

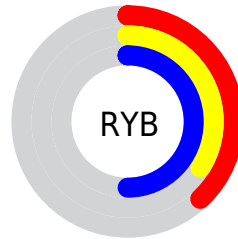
# Distribution



Red (38%)

Green (34%)

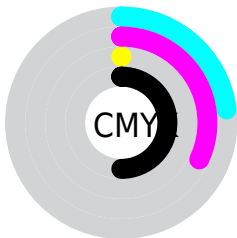
Blue (50%)



Red (38%)

Yellow (34%)

Blue (50%)

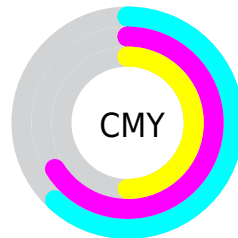


Cyan (23%)

Magenta (32%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (66%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 625780 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 625780 by changing the saturation by 10% instead.



■ 625780

■ 625780

FFFFFF

■ 4A4067

■ 9589B5

■ 322A4F

■ B0A3D1

■ 1C1538

■ CCBEED

■ 060022

■ E8DAFF

■ 000008

■ FFF7FF

■ 000000

■ 625780

■ 625780

■ 594A80

■ 6B6480

■ 4F3D80

■ 757180

463180

7E7D80

3D2480

878A80

331780

919780

2A0A80

9AA480

220080

A4B180

ADBD80

B6CA80

# Harmonies

## Analogous

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



425F86



625780



795070

# Triad

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



625780



7A5539



1A685E

# Complementary

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



625780



758057

# 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.



3A6649



625780



695D33

# Square

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



625780



844F48



536339



006773

# Rectangle

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



625780



824D63



536339



266857



# Sweetspot

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



625780



9A95A6



577580



4D4A54



D4D4D4



545454



# Same Dimension

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



625780



7867A6



765780



3B3940



220080



000000



# Inverse Universe

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



805775



A66795



618057



40393E



80005D



000000



# Previews

## White Background



This preview shows how the Hex color 625780 looks on a white background.

## Color Contrast Check

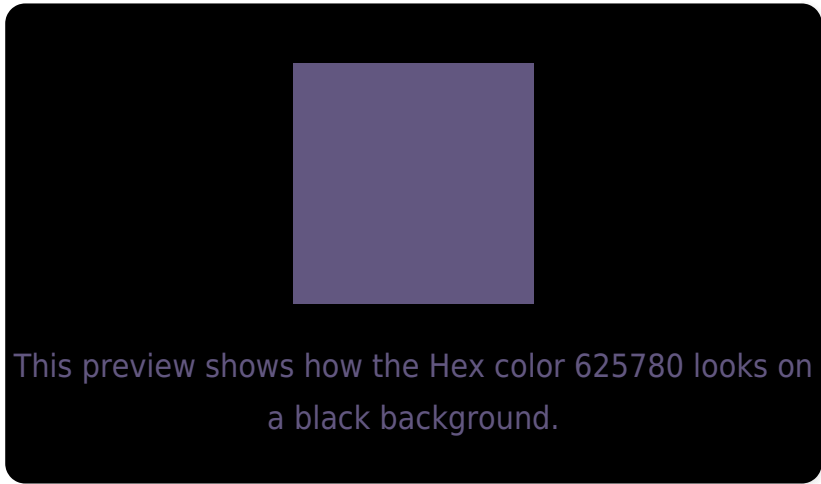
Large Text (above 18pt) WCAG AA ✓ Pass

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 625780 Background



This preview shows how black text looks on a background with the Hex color 625780.



This preview shows how white text looks on a background with the Hex color 625780.

# 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**  
625780

**Protanopia**  
515C84

**Deuteranopia**  
535C7F



# Trichromacy



**Original Color**  
625780

**Protanomaly**  
575A83

**Deuteranomaly**  
585A7F

**Tritanomaly**  
5F5B6E

# Monochromacy



**Original Color**  
625780

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
605C6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 625780 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 #625780 looks like.

```
.text, #text, p{  
    color:#625780  
}
```

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 #625780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #625780
}
```

## Border

The CSS property to change the border of an element to Hex 625780 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".

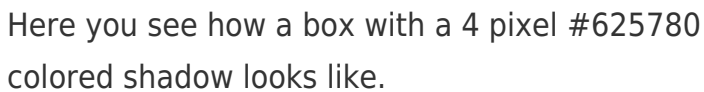
```
.border, #border, table{ border:4px solid
#625780 }
```

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

```
.border{ border-color:#625780 }
```

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

Here you see how a box with a 4 pixel #625780 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #625780; -webkit-box-shadow:4px 4px  
4px 4px #625780; box-shadow:4px 4px 4px  
4px #625780 }
```

# Background

The CSS property to change the background color of an element to Hex 625780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#625780 }
```

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

```
.background{ background-color:#625780 }
```

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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