

# Converting Colors

Hex(625873)

Have a look what the booklet for  
Hex(625873) contains.

<b>Hex(625873)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(625873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	625873
RGB	98, 88, 115
RGB Percent	38%, 35%, 45%
CMY	0.6157, 0.6549, 0.5490
CMYK	0.15, 0.23, 0.00, 0.55
HSL	262°, 13%, 40%
HSV	262°, 23%, 45%
XYZ	11.6212, 10.8139, 17.6944
YIQ	94.0680, -2.7070, 10.5170

# Conversions

## Conversions Part 2

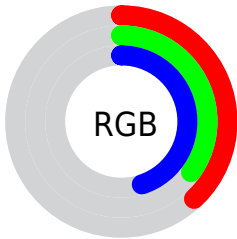
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 88, 115
Decimal	6445171
CIE Lab	39.27, 9.95, -13.86
CIE LCh	39, 17.060, 305.690
Yxy	10.8139, 0.2896, 0.2695
Android (android.graphics.Color)	4284635251 (0xFF625873)
YUV	94.0680, 10.3195, 3.4484
Hunter-Lab	32.8845, 5.5331, -8.8835

# Details

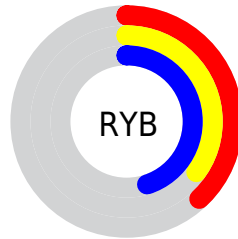
The Hex color **625873** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **697358**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **958AA7**, and **332B43** is the 20% darker color. If you saturate the color by 10%, you get **5B4D73**, and if you desaturate by 10%, it is **696373**.

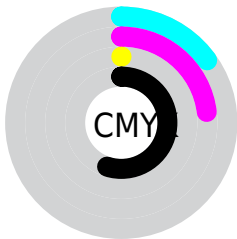
# Distribution



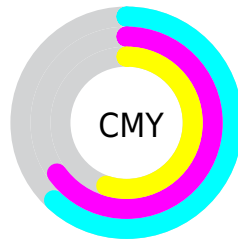
- Red (38%)
- Green (35%)
- Blue (45%)



- Red (38%)
- Yellow (35%)
- Blue (45%)



- Cyan (15%)
- Magenta (23%)
- Yellow (0%)
- Black (55%)



- Cyan (62%)
- Magenta (65%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 625873 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 625873 by changing the saturation by 10% instead.



■ 625873

■ 625873

FFFFFF

■ 4A415A

■ 958AA7

■ 332B43

■ B0A4C2

■ 1E162D

■ CBBFDE

■ 030018

■ E7DBFB

■ 000000

■ FFF8FF

■ 625873

■ 625873

■ 5B4D73

■ 696373

■ 544173

■ 706F73

■ 4C3673

■ 787A73

■ 452A73

■ 7F8673

■ 3E1F73

■ 869273

■ 371373

■ 8D9D73

■ 2F0773

■ 95A973

■ 2B0073

■ 9CB473

■ A3C073

# Harmonies

## Analogous

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



4F5D78



625873



715468

# Triad

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



625873



705844



37645F

# Complementary

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



625873



697358

# 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.



456351



625873



645C41

# Square

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



625873



78544D



556146



33646C

# Rectangle

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



625873



76535F



556146



3B645A



# Sweetspot

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



625873



908C96



586973



49464D



CCCCCC



4D4D4D



# Same Dimension

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



625873



7C6C96



6F5873



37353B



2D007A



5D00FA



# Inverse Universe

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



735869



966C87



5C7358



3B3538



7A004D



FA009D



# Previews

## White Background



This preview shows how the Hex color 625873 looks on a white background.

## Color Contrast Check

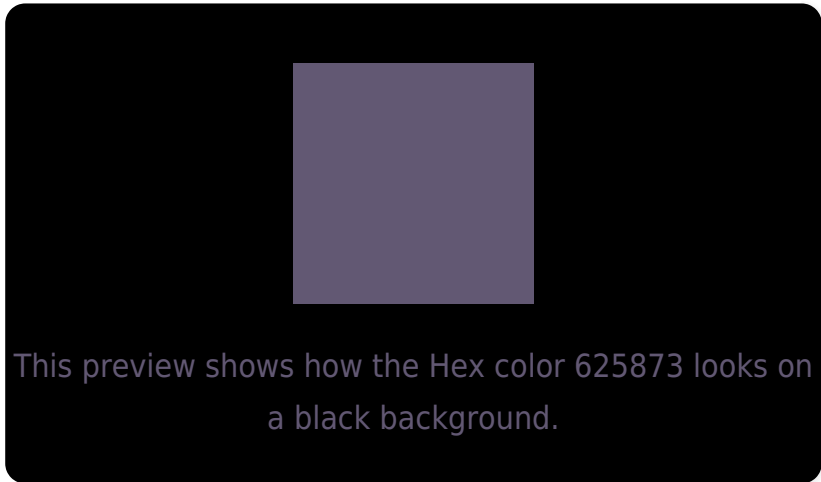
Large Text (above 18pt) WCAG AA ✓ Pass

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

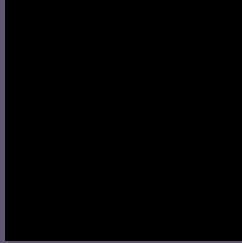
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 625873 Background



This preview shows how black text looks on a background with the Hex color 625873.



This preview shows how white text looks on a background with the Hex color 625873.

# 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**  
625873

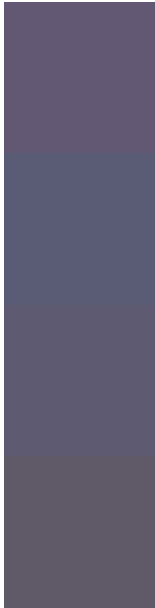
**Protanopia**  
565C76

**Deuteranopia**  
5A5B72



**Tritanopia**  
5F5B62

# Trichromacy



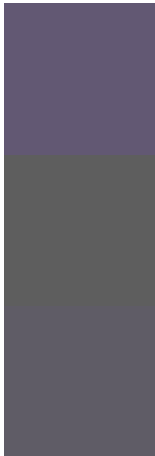
**Original Color**  
625873

**Protanomaly**  
5A5B75

**Deuteranomaly**  
5D5A72

**Tritanomaly**  
605A68

# Monochromacy



**Original Color**  
625873

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5F5C66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 625873 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 #625873 looks like.

```
.text, #text, p{  
    color:#625873  
}
```

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 #625873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #625873  
}
```

## Border

The CSS property to change the border of an element to Hex 625873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

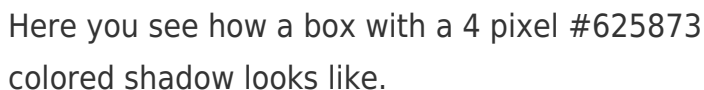
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#625873 }
```

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

```
.border{ border-color:#625873 }
```

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



Here you see how a box with a 4 pixel #625873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #625873; -webkit-box-shadow:4px 4px  
4px 4px #625873; box-shadow:4px 4px 4px  
4px #625873 }
```

# Background

The CSS property to change the background color of an element to Hex 625873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#625873 }
```

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

```
.background{ background-color:#625873 }
```

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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