

# Converting Colors

Hex(635873)

Have a look what the booklet for  
Hex(635873) contains.

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# Color

**Hex(635873)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635873
RGB	99, 88, 115
RGB Percent	39%, 35%, 45%
CMY	0.6118, 0.6549, 0.5490
CMYK	0.14, 0.23, 0.00, 0.55
HSL	264°, 13%, 40%
HSV	264°, 23%, 45%
XYZ	11.7298, 10.8699, 17.6995
YIQ	94.3670, -2.1110, 10.7290

# Conversions

## Conversions Part 2

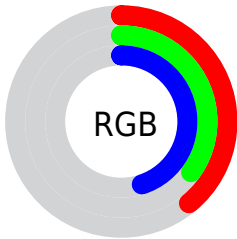
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 88, 115
Decimal	6510707
CIE <sub>Lab</sub>	39.36, 10.31, -13.70
CIE <sub>LCh</sub>	39, 17.150, 306.967
Yxy	10.8699, 0.2911, 0.2697
Android (android.graphics.Color)	4284700787 (0xFF635873)
YUV	94.3670, 10.1721, 4.0631
Hunter-Lab	32.9695, 5.8096, -8.7509

# Details

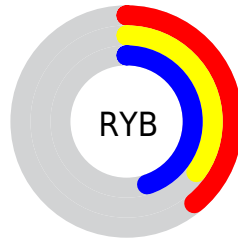
The Hex color **635873** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **687358**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **968AA7**, and **342B43** is the 20% darker color. If you saturate the color by 10%, you get **5C4D73**, and if you desaturate by 10%, it is **6A6373**.

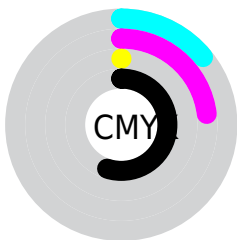
# Distribution



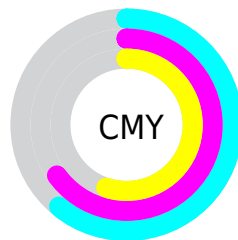
- Red (39%)
- Green (35%)
- Blue (45%)



- Red (39%)
- Yellow (35%)
- Blue (45%)



- Cyan (14%)
- Magenta (23%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (65%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635873 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 635873 by changing the saturation by 10% instead.



635873

635873

FFFFFF

4B415A

968AA7

342B43

B1A4C2

1E162D

CCBFDE

050018

E9DBFB

000000

FFF8FF

635873

635873

5C4D73

6A6373

554173

716F73

■ 4F3673

■ 777A73

■ 482A73

■ 7E8673

■ 411F73

■ 859273

■ 3A1373

■ 8C9D73

■ 330773

■ 93A973

■ 2F0073

■ 9AB473

■ A0C073

# Harmonies

## Analogous

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



505D78



635873



715468

# Triad

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



635873



705843



376560

# Complementary

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



635873



687358

# 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.



446451



635873



645D41

# Square

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



635873



78544D



546146



33646D

# Rectangle

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



635873



77535F



546146



3B645B



# Sweetspot

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



635873



908C96



586873



49464D



CCCCCC



4D4D4D



# Same Dimension

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



635873



7D6C96



705873



37353B



32007A



6600FA



# Inverse Universe

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



735868



966C85



5B7358



3B3538



7A0049



FA0094



# Previews

## White Background



This preview shows how the Hex color 635873 looks on a white background.

## Color Contrast Check

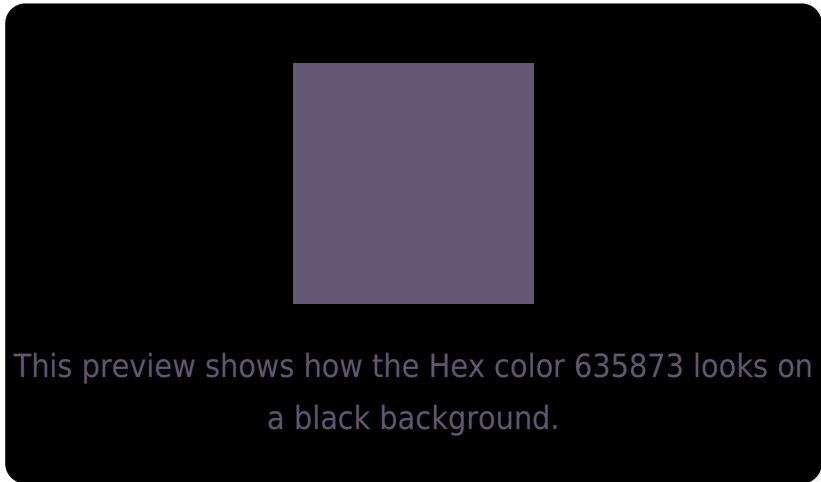
Large Text (above 18pt) WCAG AA ✓ Pass

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

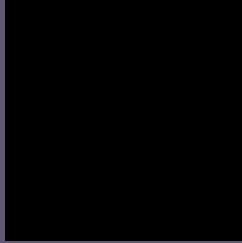
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635873 Background



This preview shows how black text looks on a background with the Hex color 635873.



This preview shows how white text looks on a background with the Hex color 635873.

# 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**  
635873

**Protanopia**  
565C76

**Deuteranopia**  
5B5B72



**Tritanopia**  
605B62

# Trichromacy



**Original Color**  
635873

**Protanomaly**  
5B5B75

**Deuteranomaly**  
5E5A72

**Tritanomaly**  
615A68

# Monochromacy



**Original Color**  
635873

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
605C66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635873 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 #635873 looks like.

```
.text, #text, p{  
    color:#635873  
}
```

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 #635873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635873
}
```

## Border

The CSS property to change the border of an element to Hex 635873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

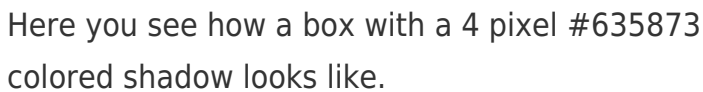
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635873 }
```

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

```
.border{ border-color:#635873 }
```

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



Here you see how a box with a 4 pixel #635873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635873; -webkit-box-shadow:4px 4px  
4px 4px #635873; box-shadow:4px 4px 4px  
4px #635873 }
```

# Background

The CSS property to change the background color of an element to Hex 635873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635873 }
```

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

```
.background{ background-color:#635873 }
```

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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