

Converting Colors

Hex(645E73)

Have a look what the booklet for
Hex(645E73) contains.

Hex(645E73)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(645E73)

Conversions

Conversions Part 1

Format	Color
Hex	645E73
RGB	100, 94, 115
RGB Percent	39%, 37%, 45%
CMY	0.6078, 0.6314, 0.5490
CMYK	0.13, 0.18, 0.00, 0.55
HSL	257°, 10%, 41%
HSV	257°, 18%, 45%
XYZ	12.3527, 11.9525, 17.8757
YIQ	98.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

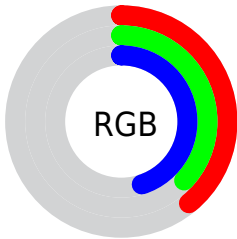
Format	Color
R_{YB}	100, 94, 115
Decimal	6577779
CIE Lab	41.14, 6.97, -10.99
CIE LCh	41, 13.018, 302.378
Yxy	11.9525, 0.2929, 0.2834
Android (android.graphics.Color)	4284767859 (0xFF645E73)
YUV	98.1880, 8.2883, 1.5891
Hunter-Lab	34.5724, 3.2763, -6.4552

Details

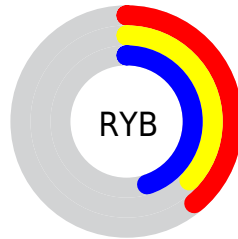
The Hex color **645E73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D735E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9790A7**, and **353043** is the 20% darker color. If you saturate the color by 10%, you get **5C5373**, and if you desaturate by 10%, it is **6C6A73**.

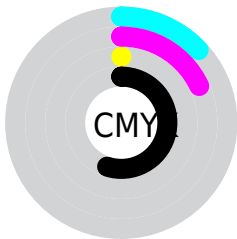
Distribution



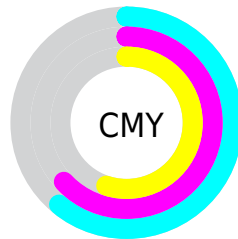
- Red (39%)
- Green (37%)
- Blue (45%)



- Red (39%)
- Yellow (37%)
- Blue (45%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645E73 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 645E73 by changing the saturation by 10% instead.

■ 645E73

■ 645E73

FFFFFF

■ 4C465A

■ 9790A7

■ 353043

■ B2ABC2

■ 201B2D

■ CDC6DE

■ 0A0019

■ E9E2FB

■ 000000

■ 645E73

■ 645E73

■ 5C5373

■ 6C6A73

■ 544773

■ 747573

■ 4B3C73

■ 7D8173

■ 433073

■ 858C73

■ 3B2573

■ 8D9873

■ 331973

■ 95A373

■ 2A0D73

■ 9EAF73

■ 220273

■ A6BA73

■ 210073

■ AEC673

Harmonies

Analogous

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



566276



645E73



705B6B

Triad

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



645E73



725D4E



476761

Complementary

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



645E73



6D735E

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.



516657



645E73



68614C

Square

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



645E73



775A56



5D644F



44676C

Rectangle

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



645E73



755A64



5D644F



4A675E

Sweetspot

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



645E73



918F96



5E6D73



49484D



CCCCCC



4D4D4D

Same Dimension

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



645E73



7F7596



6E5E73



36353B



23007A



4700FA

Inverse Universe

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



735E6D



96758D



63735E



3B3539



7A0057



FA00B3

Previews

White Background



This preview shows how the Hex color 645E73 looks on a white background.

Color Contrast Check

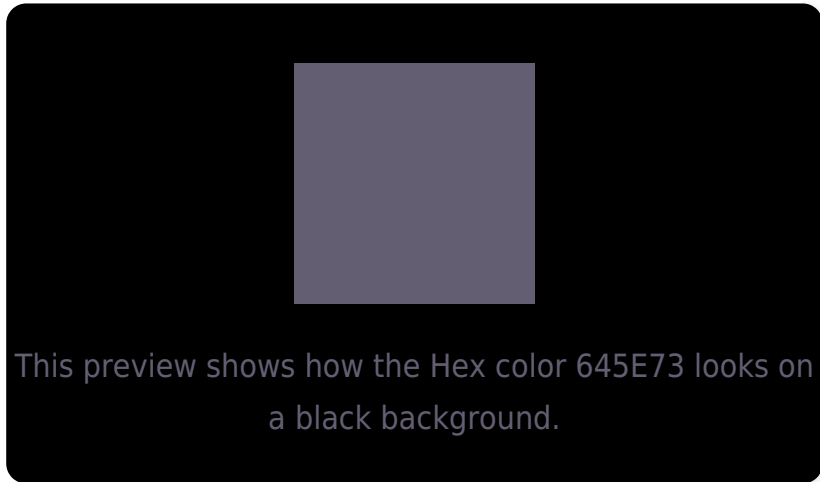
Large Text (above 18pt) WCAG AA ✓ Pass

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

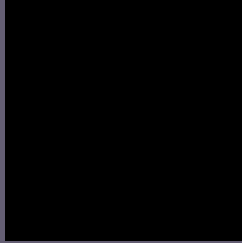
Any Text WCAG AA × Fail

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 645E73 Background



This preview shows how black text looks on a background with the Hex color 645E73.

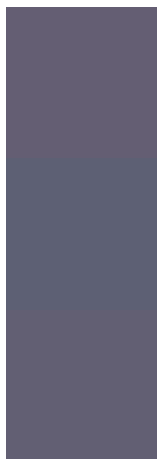


This preview shows how white text looks on a background with the Hex color 645E73.

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

645E73

Protanopia

5D6074

Deuteranopia

625F73



Tritanopia
626068

Trichromacy



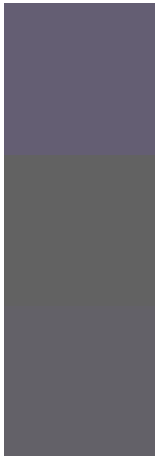
Original Color
645E73

Protanomaly
605F74

Deuteranomaly
635F73

Tritanomaly
635F6C

Monochromacy



Original Color
645E73

Achromatopsia
626262

Achromatomaly
636168

CSS Examples

Text

The CSS property to change the color of the text to Hex 645E73 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 #645E73 looks like.

```
.text, #text, p{  
    color:#645E73  
}
```

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 #645E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645E73  
}
```

Border

The CSS property to change the border of an element to Hex 645E73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

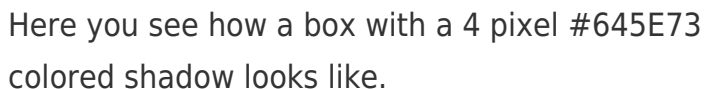
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#645E73 }
```

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

```
.border{ border-color:#645E73 }
```

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



Here you see how a box with a 4 pixel #645E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645E73; -webkit-box-shadow:4px 4px  
4px 4px #645E73; box-shadow:4px 4px 4px  
4px #645E73 }
```

Background

The CSS property to change the background color of an element to Hex 645E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645E73 }
```

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

```
.background{ background-color:#645E73 }
```

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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