

Converting Colors

Hex(635D73)

Have a look what the booklet for
Hex(635D73) contains.

Hex(635D73)	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(635D73)

Conversions

Conversions Part 1

Format	Color
Hex	635D73
RGB	99, 93, 115
RGB Percent	39%, 36%, 45%
CMY	0.6118, 0.6353, 0.5490
CMYK	0.14, 0.19, 0.00, 0.55
HSL	256°, 11%, 41%
HSV	256°, 19%, 45%
XYZ	12.1545, 11.7192, 17.8411
YIQ	97.3020, -3.4860, 8.1140

Conversions

Conversions Part 2

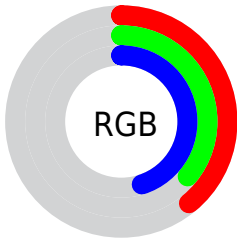
Format	Color
RYB	99, 93, 115
Decimal	6511987
CIELab	40.77, 7.22, -11.57
CIELCh	41, 13.638, 301.976
Yxy	11.7192, 0.2914, 0.2809
Android (android.graphics.Color)	4284702067 (0xFF635D73)
YUV	97.3020, 8.7251, 1.4891
Hunter-Lab	34.2333, 3.4679, -6.9364

Details

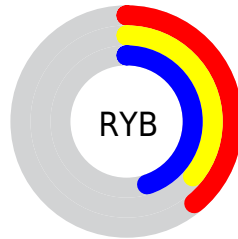
The Hex color **635D73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D735D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **968FA7**, and **342F43** is the 20% darker color. If you saturate the color by 10%, you get **5B5273**, and if you desaturate by 10%, it is **6B6973**.

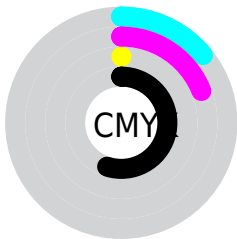
Distribution



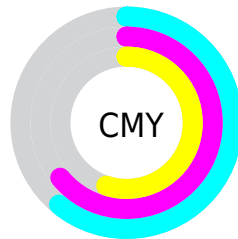
- Red (39%)
- Green (36%)
- Blue (45%)



- Red (39%)
- Yellow (36%)
- Blue (45%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635D73 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 635D73 by changing the saturation by 10% instead.

■ 635D73

■ 635D73

FFFFFF

■ 4B455A

■ 968FA7

■ 342F43

■ B1AAC2

■ 1F1A2D

■ CCC5DE

■ 080019

■ E8E1FB

■ 000000

FFFEFF

■ 635D73

■ 635D73

■ 5B5273

■ 6B6973

■ 524673

■ 747473

■ 4A3B73

■ 7C8073

■ 422F73

■ 848B73

■ 392373

■ 8D9773

■ 311873

■ 95A273

■ 280C73

■ 9EAE73

■ 200173

■ A6B973

■ 1F0073

■ AEC473

Harmonies

Analogous

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



546176



635D73



6F5A6B

Triad

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



635D73



725C4D



456760

Complementary

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



635D73



6D735D

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.



4F6555



635D73



68604A

Square

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



635D73



775955



5C634D



41666B

Rectangle

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



635D73



755864



5C634D



48665D

Sweetspot

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



635D73



908D96



5D6D73



49474D



CCCCCC



4D4D4D

Same Dimension

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



635D73



7D7496



6E5D73



36353B



21007A



4400FA

Inverse Universe

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



735D6D



96748D



62735D



3B3539



7A0059



FA00B6

Previews

White Background



This preview shows how the Hex color 635D73 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

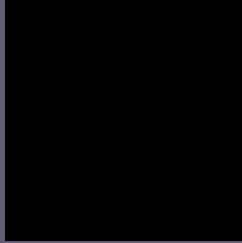
Any Text WCAG AA × Fail

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 635D73 Background



This preview shows how black text looks on a background with the Hex color 635D73.



This preview shows how white text looks on a background with the Hex color 635D73.

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
635D73

Protanopia
5B5F75

Deuteranopia
605E73



Tritanopia
615F67

Trichromacy



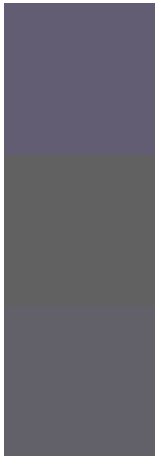
Original Color
635D73

Protanomaly
5E5E74

Deuteranomaly
615E73

Tritanomaly
625E6B

Monochromacy



Original Color
635D73

Achromatopsia
616161

Achromatomaly
626068

CSS Examples

Text

The CSS property to change the color of the text to Hex 635D73 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 #635D73 looks like.

```
.text, #text, p{  
    color:#635D73  
}
```

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 #635D73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635D73
}
```

Border

The CSS property to change the border of an element to Hex 635D73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

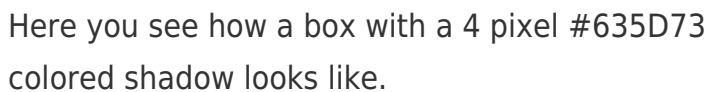
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635D73 }
```

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

```
.border{ border-color:#635D73 }
```

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



Here you see how a box with a 4 pixel #635D73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635D73; -webkit-box-shadow:4px 4px  
4px 4px #635D73; box-shadow:4px 4px 4px  
4px #635D73 }
```

Background

The CSS property to change the background color of an element to Hex 635D73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635D73 }
```

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

```
.background{ background-color:#635D73 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor