

Converting Colors

Hex(637D75)

Have a look what the booklet for
Hex(637D75) contains.

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Color

Hex(637D75)

Conversions

Conversions Part 1

Format	Color
Hex	637D75
RGB	99, 125, 117
RGB Percent	39%, 49%, 46%
CMY	0.6118, 0.5098, 0.5412
CMYK	0.21, 0.00, 0.06, 0.51
HSL	162°, 12%, 44%
HSV	162°, 21%, 49%
XYZ	15.6901, 18.6042, 19.5936
YIQ	116.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

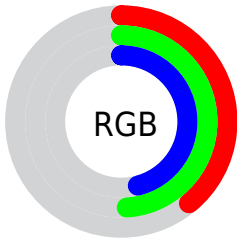
Format	Color
R_{YB}	99, 114, 125
Decimal	6520181
CIE _{Lab}	50.22, -11.15, 1.26
CIE _{LCh}	50, 11.223, 173.554
Yxy	18.6042, 0.2912, 0.3452
Android (android.graphics.Color)	4284710261 (0xFF637D75)
YUV	116.3140, 0.3382, -15.1844
Hunter-Lab	43.1326, -10.5502, 3.2595

Details

The Hex color **637D75** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7D636B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **96B2A9**, and **344C45** is the 20% darker color. If you saturate the color by 10%, you get **567D71**, and if you desaturate by 10%, it is **707D79**.

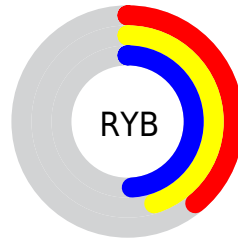
Distribution



Red (39%)

Green (49%)

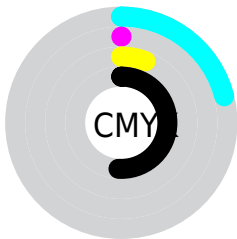
Blue (46%)



Red (39%)

Yellow (45%)

Blue (49%)

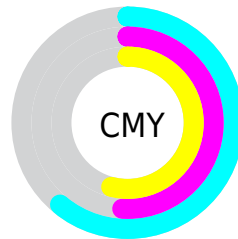


Cyan (21%)

Magenta (0%)

Yellow (6%)

Black (51%)



Cyan (61%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637D75 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 637D75 by changing the saturation by 10% instead.



637D75



637D75

FFFFFF



4B645C



96B2A9



344C45



B1CDC4



1E352F



CDE9E0



08201A



E9FFFD



000200



000000



637D75



637D75



567D71



707D79



4A7D6D



7C7D7D

■ 3D7D69

■ 897D81

■ 317D66

■ 957D84

■ 257D62

■ A27D88

■ 187D5E

■ AE7D8C

■ 0C7D5A

■ BB7D90

■ 007D57

■ C77D94

■ D47D98

Harmonies

Analogous

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



6C7C6C



637D75



5F7D7F

Triad

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



637D75



777689



897368

Complementary

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



637D75



7D636B

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.



8C7170



637D75



827383

Square

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



637D75



6B798A



8A717A



817665

Rectangle

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



637D75



607C84



8A717A



8A726B

Sweetspot

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



637D75



99A3A0



6B7D63



4C5250



D1D1D1



525252

Same Dimension

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



637D75



7AA397



63787D



39403E



008058



000000

Inverse Universe

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



7D636B



A37A87



7D6863



40393B



800027



000000

Previews

White Background



This preview shows how the Hex color 637D75 looks on a white background.

Color Contrast Check

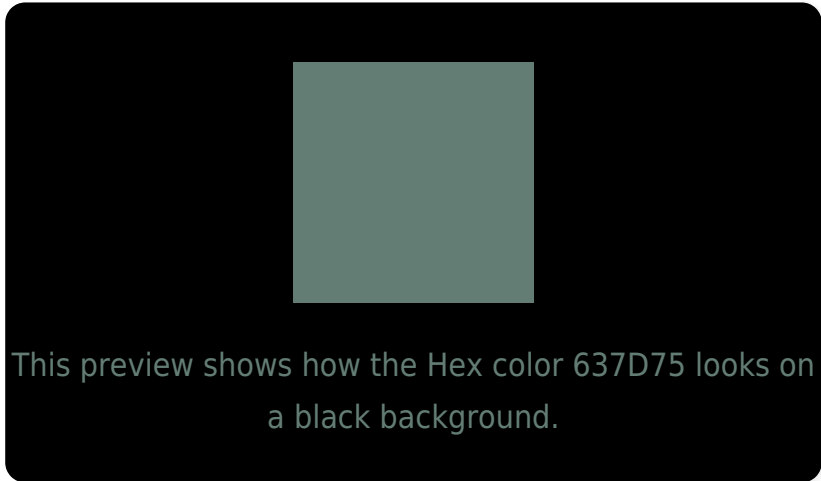
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

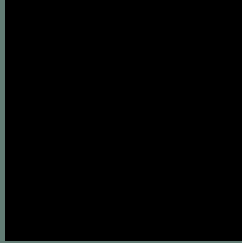
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

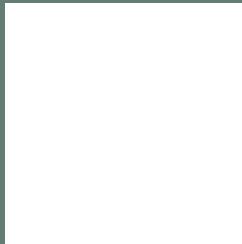
Any Text WCAG AAA × Fail

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

Hex 637D75 Background



This preview shows how black text looks on a background with the Hex color 637D75.



This preview shows how white text looks on a background with the Hex color 637D75.

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
637D75

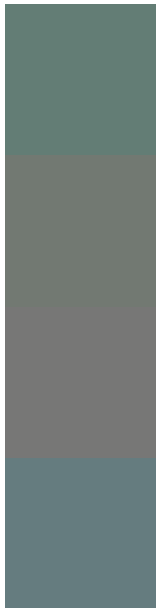
Protanopia
7B7771

Deuteranopia
837377



Tritanopia
667B84

Trichromacy



Original Color
637D75

Protanomaly
727972

Deuteranomaly
777776

Tritanomaly
657C7F

Monochromacy



Original Color
637D75

Achromatopsia
747474

Achromatomaly
6E7774

CSS Examples

Text

The CSS property to change the color of the text to Hex 637D75 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 #637D75 looks like.

```
.text, #text, p{  
    color:#637D75  
}
```

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 #637D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637D75
}
```

Border

The CSS property to change the border of an element to Hex 637D75 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
#637D75 }
```

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

```
.border{ border-color:#637D75 }
```

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

Here you see how a box with a 4 pixel #637D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637D75; -webkit-box-shadow:4px 4px  
4px 4px #637D75; box-shadow:4px 4px 4px  
4px #637D75 }
```

Background

The CSS property to change the background color of an element to Hex 637D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637D75 }
```

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

```
.background{ background-color:#637D75 }
```

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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