

Converting Colors

Hex(637174)

Have a look what the booklet for
Hex(637174) contains.

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Color

Hex(637174)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 637174 |
| RGB | 99, 113, 116 |
| RGB Percent | 39%, 44%, 45% |
| CMY | 0.6118, 0.5569, 0.5451 |
| CMYK | 0.15, 0.03, 0.00, 0.55 |
| HSL | 191°, 8%, 42% |
| HSV | 191°, 15%, 45% |
| XYZ | 14.2031, 15.7239, 18.8094 |
| YIQ | 109.1560, -9.3070, -2.0350 |

Conversions

Conversions Part 2

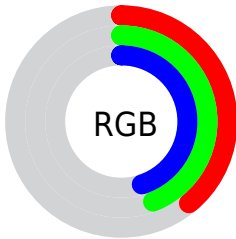
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 99, 107, 116 |
| Decimal | 6517108 |
| CIE _{Lab} | 46.61, -4.54, -3.44 |
| CIE _{LCh} | 47, 5.697, 217.129 |
| Yxy | 15.7239, 0.2914, 0.3226 |
| Android (android.graphics.Color) | 4284707188 (0xFF637174) |
| YUV | 109.1560, 3.3741, -8.9068 |
| Hunter-Lab | 39.6533, -5.4578, -0.3667 |

Details

The Hex color **637174** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746663**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **96A5A8**, and **344144** is the 20% darker color. If you saturate the color by 10%, you get **576F74**, and if you desaturate by 10%, it is **6F7374**.

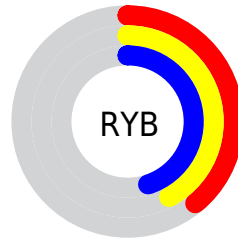
Distribution



Red (39%)

Green (44%)

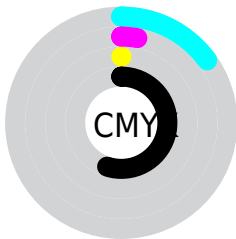
Blue (45%)



Red (39%)

Yellow (42%)

Blue (45%)

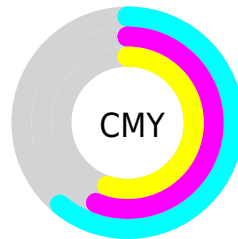


Cyan (15%)

Magenta (3%)

Yellow (0%)

Black (55%)



Cyan (61%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637174 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 637174 by changing the saturation by 10% instead.

■ 637174

■ 637174

FFFFFF

■ 4B595B

■ 96A5A8

■ 344144

■ B1C0C3

■ 1F2B2E

■ CCDCDF

■ 081719

■ E8F8FC

■ 000000

■ 637174

■ 637174

■ 576F74

■ 6F7374

■ 4C6D74

■ 7A7574

■ 406B74

■ 867774

■ 356974

■ 917974

■ 296774

■ 9D7B74

■ 1D6574

■ A97D74

■ 126374

■ B47F74

■ 066174

■ C08174

■ 006074

■ CB8374

Harmonies

Analogous

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



63716F



637174



667077

Triad

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



637174



766C72



716E65

Complementary

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



637174



746663

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.



766D66



637174



796B6D

Square

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



637174



716D76



796C69



6C7067

Rectangle

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



637174



696F78



796C69



736E65

Sweetspot

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



637174



909596



637466



494C4D



CCCCCC



4D4D4D

Same Dimension

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



637174



7B9296



636974



353A3B



00657A



00CEFA

Inverse Universe

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



746371



967B92



746E63



3B353A



7A0065



FA00CE

Previews

White Background



This preview shows how the Hex color 637174 looks on a white background.

Color Contrast Check

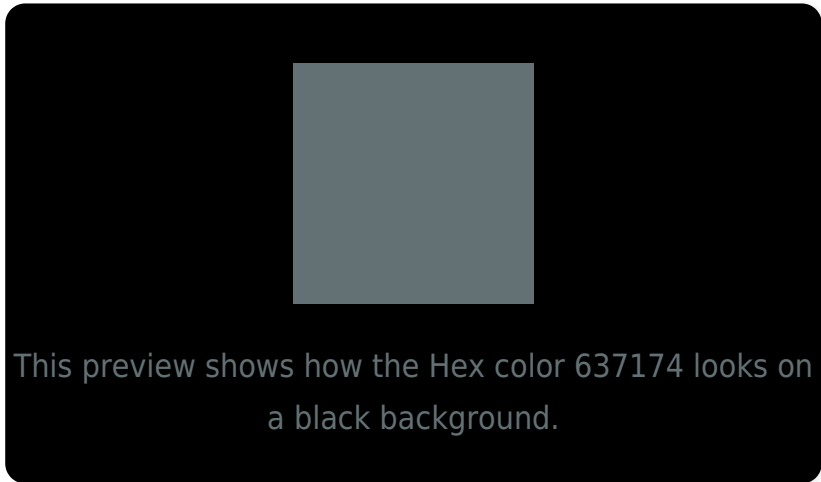
Large Text (above 18pt) WCAG AA ✓ Pass

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

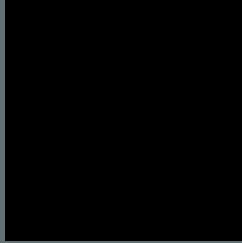
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

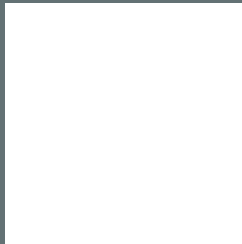
Any Text WCAG AAA × Fail

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

Hex 637174 Background



This preview shows how black text looks on a background with the Hex color 637174.



This preview shows how white text looks on a background with the Hex color 637174.

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
637174

Protanopia
6F6E72

Deuteranopia
766B75



Tritanopia
647079

Trichromacy



Original Color
637174

Protanomaly
6B6F73

Deuteranomaly
6F6D75

Tritanomaly
647077

Monochromacy



Original Color
637174

Achromatopsia
6D6D6D

Achromatomaly
696E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 637174 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 #637174 looks like.

```
.text, #text, p{  
    color:#637174  
}
```

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 #637174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637174
}
```

Border

The CSS property to change the border of an element to Hex 637174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

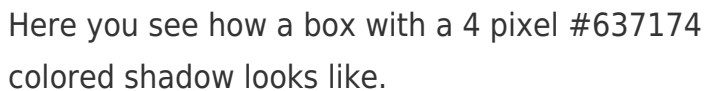
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#637174 }
```

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

```
.border{ border-color:#637174 }
```

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



Here you see how a box with a 4 pixel #637174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637174; -webkit-box-shadow:4px 4px  
4px 4px #637174; box-shadow:4px 4px 4px  
4px #637174 }
```

Background

The CSS property to change the background color of an element to Hex 637174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637174 }
```

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

```
.background{ background-color:#637174 }
```

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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