

Converting Colors

Hex(637C85)

Have a look what the booklet for
Hex(637C85) contains.

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Color

Hex(637C85)

Conversions

Conversions Part 1

Format	Color
Hex	637C85
RGB	99, 124, 133
RGB Percent	39%, 49%, 52%
CMY	0.6118, 0.5137, 0.4784
CMYK	0.26, 0.07, 0.00, 0.48
HSL	196°, 15%, 45%
HSV	196°, 26%, 52%
XYZ	16.5869, 18.7614, 24.9374
YIQ	117.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

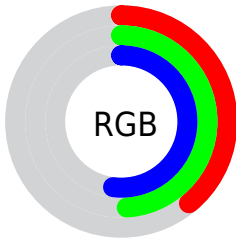
Format	Color
R_{YB}	99, 113, 133
Decimal	6519941
CIE _{Lab}	50.41, -6.82, -7.87
CIE _{LCh}	50, 10.418, 229.075
Yxy	18.7614, 0.2751, 0.3112
Android (android.graphics.Color)	4284710021 (0xFF637C85)
YUV	117.5510, 7.6164, -16.2692
Hunter-Lab	43.3144, -7.4453, -3.8149

Details

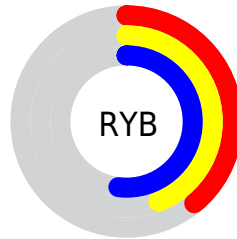
The Hex color **637C85** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **856C63**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **96B1BA**, and **334B54** is the 20% darker color. If you saturate the color by 10%, you get **567885**, and if you desaturate by 10%, it is **708085**.

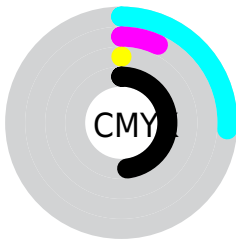
Distribution



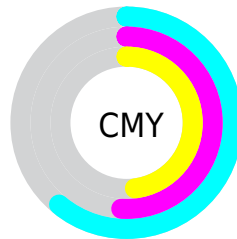
- Red (39%)
- Green (49%)
- Blue (52%)



- Red (39%)
- Yellow (44%)
- Blue (52%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (61%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637C85 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 637C85 by changing the saturation by 10% instead.

637C85

637C85

FFFFFF

4B636C

96B1BA

334B54

B1CCD6

1C353C

CDE8F2

061F27

E9FFFF

000412

000000

637C85

637C85

567885

708085

487585

7E8385

■ 3B7185

■ 8B8785

■ 2E6E85

■ 988A85

■ 206A85

■ A68E85

■ 136785

■ B39185

■ 066385

■ C09585

■ 006285

■ CD9885

■ DB9C85

Harmonies

Analogous

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



617D7D



637C85



6B7A89

Triad

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



637C85



88727C



797967

Complementary

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



637C85



856C63

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.



827667



637C85



8B7273

Square

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



637C85



807484



89746B



6F7C6C

Rectangle

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



637C85



727889



89746B



7C7867

Sweetspot

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



637C85



A0AAAD



63856C



4E5457



D6D6D6



575757

Same Dimension

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



637C85



789FAD



636C85



3C4142



006082



000203

Inverse Universe

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



85637C



AD789F



857D63



423C41



820060



030002

Previews

White Background



This preview shows how the Hex color 637C85 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

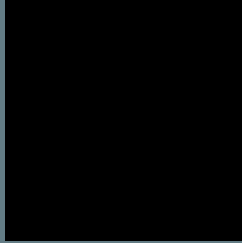
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

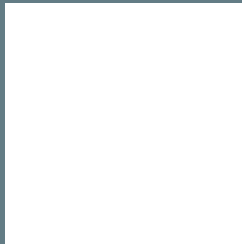
Any Text WCAG AAA × Fail

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

Hex 637C85 Background



This preview shows how black text looks on a background with the Hex color 637C85.




This preview shows how white text looks on a background with the Hex color 637C85.

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](#).

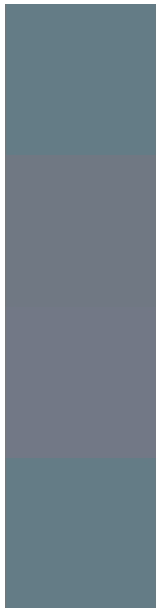
Dichromacy





Tritanopia
637C86

Trichromacy



Original Color
637C85

Protanomaly
707983

Deuteranomaly
737886

Tritanomaly
637C86

Monochromacy



Original Color
637C85

Achromatopsia
767676

Achromatomaly
6F787B

CSS Examples

Text

The CSS property to change the color of the text to Hex 637C85 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 #637C85 looks like.

```
.text, #text, p{  
    color:#637C85  
}
```

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 #637C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637C85
}
```

Border

The CSS property to change the border of an element to Hex 637C85 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
#637C85 }
```

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

```
.border{ border-color:#637C85 }
```

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

Here you see how a box with a 4 pixel #637C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637C85; -webkit-box-shadow:4px 4px  
4px 4px #637C85; box-shadow:4px 4px 4px  
4px #637C85 }
```

Background

The CSS property to change the background color of an element to Hex 637C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637C85 }
```

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

```
.background{ background-color:#637C85 }
```

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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