

Converting Colors

Hex(646875)

Have a look what the booklet for
Hex(646875) contains.

Hex(646875)	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(646875)

Conversions

Conversions Part 1

Format	Color
Hex	646875
RGB	100, 104, 117
RGB Percent	39%, 41%, 46%
CMY	0.6078, 0.5922, 0.5412
CMYK	0.15, 0.11, 0.00, 0.54
HSL	226°, 8%, 43%
HSV	226°, 15%, 46%
XYZ	13.4167, 13.8943, 18.8044
YIQ	104.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

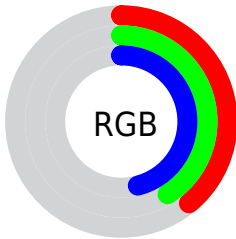
Format	Color
R_{YB}	100, 103, 117
Decimal	6580341
CIE Lab	44.08, 1.37, -7.79
CIE LCh	44, 7.909, 279.971
Yxy	13.8943, 0.2909, 0.3013
Android (android.graphics.Color)	4284770421 (0xFF646875)
YUV	104.2860, 6.2680, -3.7588
Hunter-Lab	37.2751, -0.9824, -3.8178

Details

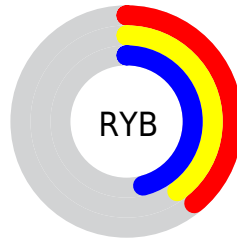
The Hex color **646875** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **757164**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **979BA9**, and **353945** is the 20% darker color. If you saturate the color by 10%, you get **585F75**, and if you desaturate by 10%, it is **707175**.

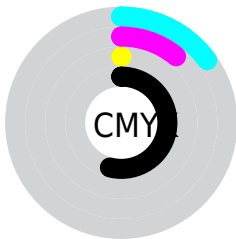
Distribution



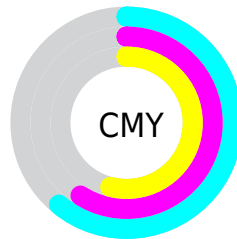
- Red (39%)
- Green (41%)
- Blue (46%)



- Red (39%)
- Yellow (40%)
- Blue (46%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (54%)



- Cyan (61%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646875 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 646875 by changing the saturation by 10% instead.

■ 646875

■ 646875

FFFFFF

■ 4C505C

■ 979BA9

■ 353945

■ B2B6C4

■ 20242F

■ CDD1E0

■ 090E1A

■ E9EEFD

■ 000000

■ 646875

■ 646875

■ 585F75

■ 707175

■ 4D5675

■ 7B7A75

■ 414D75

■ 878375

■ 354475

■ 938C75

■ 2A3B75

■ 9F9575

■ 1E3275

■ AA9E75

■ 122975

■ B6A775

■ 062075

■ C2B075

■ 001C75

■ CDB975

Harmonies

Analogous

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



5C6A74



646875



6C6672

Triad

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



646875



766560



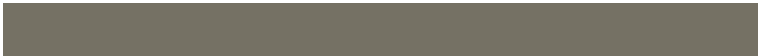
5D6C63

Complementary

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



646875



757164

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.



646A5E



646875



72665C

Square

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



646875



766466



6B685B



586C6A

Rectangle

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



646875



71656F



6B685B



5F6B61

Sweetspot

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



646875



939499



647571



494A4D



CCCCCC



4D4D4D

Same Dimension

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



646875



7F8599



686475



35363B



001D7A



003BFA

Inverse Universe

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



756468



997F85



717564



3B3536



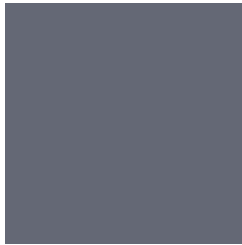
7A001D



FA003B

Previews

White Background



This preview shows how the Hex color 646875 looks on a white background.

Color Contrast Check

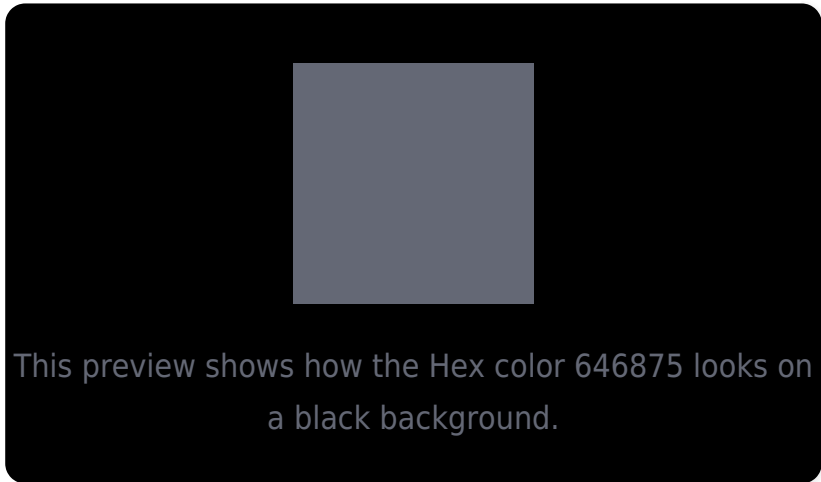
Large Text (above 18pt) WCAG AA ✓ Pass

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

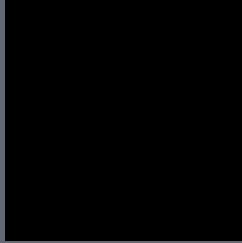
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

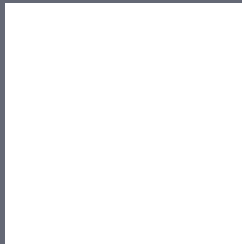
Any Text WCAG AAA × Fail

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

Hex 646875 Background



This preview shows how black text looks on a background with the Hex color 646875.

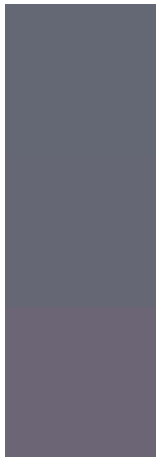


This preview shows how white text looks on a background with the Hex color 646875.

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
646875

Protanopia
666775

Deuteranopia
6C6576



Tritanopia
636971

Trichromacy



Original Color

646875

Protanomaly

656775

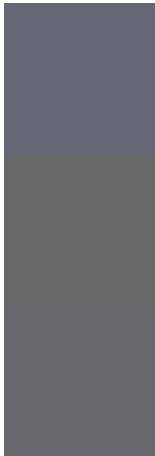
Deuteranomaly

696676

Tritanomaly

636972

Monochromacy



Original Color

646875

Achromatopsia

686868

Achromatomaly

67686D

CSS Examples

Text

The CSS property to change the color of the text to Hex 646875 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 #646875 looks like.

```
.text, #text, p{  
    color:#646875  
}
```

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 #646875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646875  
}
```

Border

The CSS property to change the border of an element to Hex 646875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

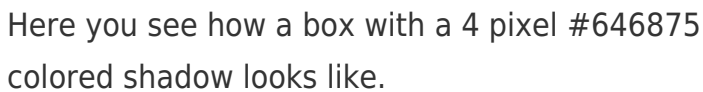
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#646875 }
```

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

```
.border{ border-color:#646875 }
```

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



Here you see how a box with a 4 pixel #646875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646875; -webkit-box-shadow:4px 4px  
4px 4px #646875; box-shadow:4px 4px 4px  
4px #646875 }
```

Background

The CSS property to change the background color of an element to Hex 646875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646875 }
```

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

```
.background{ background-color:#646875 }
```

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