

Converting Colors

Hex(636B74)

Have a look what the booklet for
Hex(636B74) contains.

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Color

Hex(636B74)

Conversions

Conversions Part 1

Format	Color
Hex	636B74
RGB	99, 107, 116
RGB Percent	39%, 42%, 45%
CMY	0.6118, 0.5804, 0.5451
CMYK	0.15, 0.08, 0.00, 0.55
HSL	212°, 8%, 42%
HSV	212°, 15%, 45%
XYZ	13.5557, 14.4290, 18.5936
YIQ	105.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

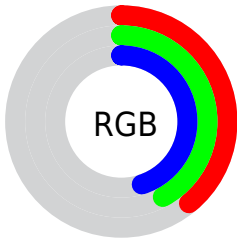
Format	Color
R_{YB}	99, 104, 116
Decimal	6515572
CIE Lab	44.84, -1.02, -6.06
CIE LCh	45, 6.144, 260.489
Yxy	14.4290, 0.2910, 0.3098
Android (android.graphics.Color)	4284705652 (0xFF636B74)
YUV	105.6340, 5.1104, -5.8180
Hunter-Lab	37.9855, -2.7744, -2.4321

Details

The Hex color **636B74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746C63**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **969EA8**, and **343C44** is the 20% darker color. If you saturate the color by 10%, you get **576574**, and if you desaturate by 10%, it is **6F7174**.

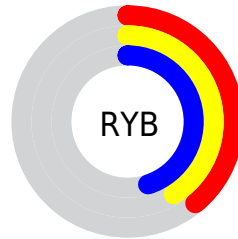
Distribution



Red (39%)

Green (42%)

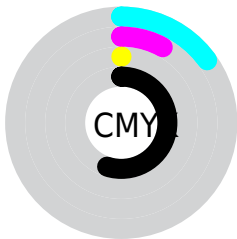
Blue (45%)



Red (39%)

Yellow (41%)

Blue (45%)

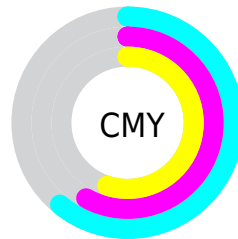


Cyan (15%)

Magenta (8%)

Yellow (0%)

Black (55%)



Cyan (61%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 636B74 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 636B74 by changing the saturation by 10% instead.



636B74



636B74

FFFFFF



4B535B



969EA8



343C44



B1B9C3



1F262E



CCD5DF



081119



E8F1FC



000000



636B74



636B74



576574



6F7174



4C5F74



7A7774



405974



867D74

■ 355274

■ 918474

■ 294C74

■ 9D8A74

■ 1D4674

■ A99074

■ 124074

■ B49674

■ 063A74

■ C09C74

■ 003774

■ CBA274

Harmonies

Analogous

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



5F6C72



636B74



696974

Triad

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



636B74



756767



656C63

Complementary

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



636B74



746C63

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.



6B6B60



636B74



746862

Square

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



636B74



74676C



706960



606D68

Rectangle

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



636B74



6D6872



706960



676C62

Sweetspot

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



636B74



909396



63746C



494A4D



CCCCCC



4D4D4D

Same Dimension

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



636B74



7B8896



636374



35383B



003A7A



0076FA

Inverse Universe

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



74636B



967B88



747463



3B3538



7A003A



FA0076

Previews

White Background



This preview shows how the Hex color 636B74 looks on a white background.

Color Contrast Check

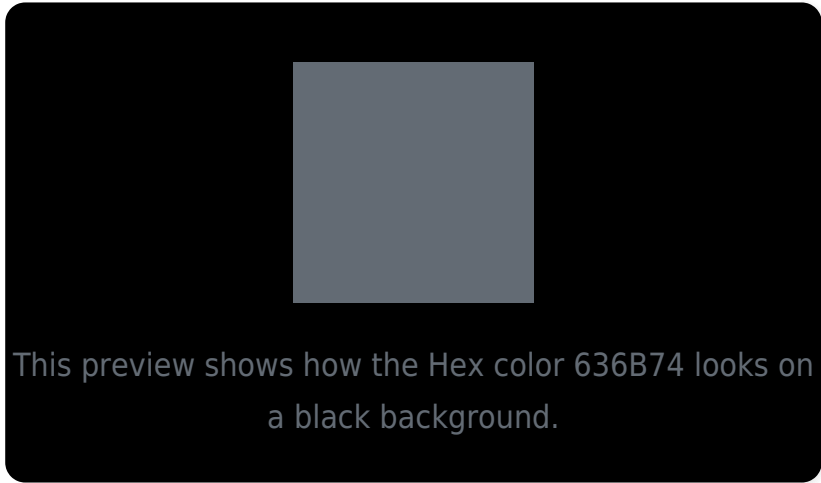
Large Text (above 18pt) WCAG AA ✓ Pass

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

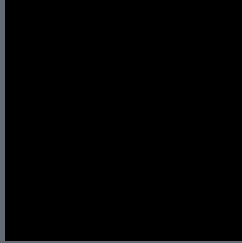
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

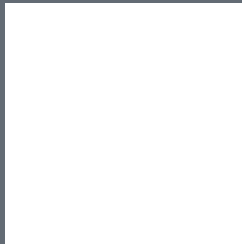
Any Text WCAG AAA × Fail

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

Hex 636B74 Background



This preview shows how black text looks on a background with the Hex color 636B74.



This preview shows how white text looks on a background with the Hex color 636B74.

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
636B74

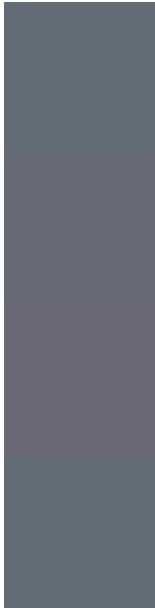
Protanopia
696973

Deuteranopia
6F6775



Tritanopia
636B74

Trichromacy



Original Color

636B74

Protanomaly

676A73

Deuteranomaly

6B6875

Tritanomaly

636B74

Monochromacy



Original Color

636B74

Achromatopsia

6A6A6A

Achromatomaly

676A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 636B74 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 #636B74 looks like.

```
.text, #text, p{  
    color:#636B74  
}
```

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 #636B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636B74
}
```

Border

The CSS property to change the border of an element to Hex 636B74 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
#636B74 }
```

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

```
.border{ border-color:#636B74 }
```

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

Here you see how a box with a 4 pixel #636B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636B74; -webkit-box-shadow:4px 4px  
4px 4px #636B74; box-shadow:4px 4px 4px  
4px #636B74 }
```

Background

The CSS property to change the background color of an element to Hex 636B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636B74 }
```

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

```
.background{ background-color:#636B74 }
```

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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