

Converting Colors

Hex(4B636A)

Have a look what the booklet for
Hex(4B636A) contains.

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Color

Hex(4B636A)

Conversions

Conversions Part 1

Format	Color
Hex	4B636A
RGB	75, 99, 106
RGB Percent	29%, 39%, 42%
CMY	0.7059, 0.6118, 0.5843
CMYK	0.29, 0.07, 0.00, 0.58
HSL	194°, 17%, 35%
HSV	194°, 29%, 42%
XYZ	9.9650, 11.4601, 15.3225
YIQ	92.6220, -16.5510, -2.9110

Conversions

Conversions Part 2

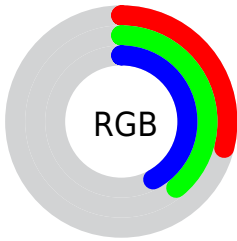
Format	Color
RYB	75, 89, 106
Decimal	4940650
CIELab	40.34, -7.10, -6.88
CIELCh	40, 9.887, 224.112
Yxy	11.4601, 0.2712, 0.3119
Android (android.graphics.Color)	4283130730 (0xFF4B636A)
YUV	92.6220, 6.5954, -15.4545
Hunter-Lab	33.8528, -6.6987, -3.1389

Details

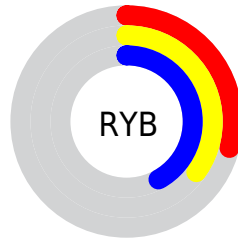
The Hex color **4B636A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A524B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7D969D**, and **1D343B** is the 20% darker color. If you saturate the color by 10%, you get **40616A**, and if you desaturate by 10%, it is **56656A**.

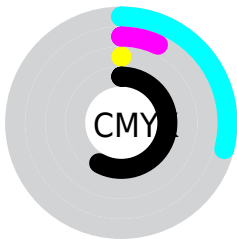
Distribution



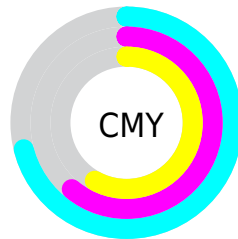
- Red (29%)
- Green (39%)
- Blue (42%)



- Red (29%)
- Yellow (35%)
- Blue (42%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (71%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B636A 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 4B636A by changing the saturation by 10% instead.



4B636A



4B636A

FFFFFF



344B52



7D969D



1D343B



97B0B8



071F25



B2CCD4



000311



CDE8F0



000000



EAffFF



4B636A



4B636A



40616A



56656A



365E6A



60686A

■ 2B5C6A

■ 6B6A6A

■ 21596A

■ 756D6A

■ 16576A

■ 806F6A

■ 0B556A

■ 8B716A

■ 01526A

■ 95746A

■ 00526A

■ A0766A

■ AA796A

Harmonies

Analogous

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



4B6463



4B636A



51616E

Triad

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



4B636A



6D5A64



62604F

Complementary

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



4B636A



6A524B

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.



6A5D50



4B636A



705A5B

Square

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



4B636A



655C6B



6F5B54



586253

Rectangle

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



4B636A



585F6F



6F5B54



645F4F

Sweetspot

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



4B636A



7D878A



4B6A52



3D4345



C4C4C4



454545

Same Dimension

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



4B636A



5A7F8A



4B546A



303436



005B75



00BEF5

Inverse Universe

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



6A4B63



8A5A7F



6A614B



363034



75005B



F500BE

Previews

White Background



This preview shows how the Hex color 4B636A looks on a white background.

Color Contrast Check

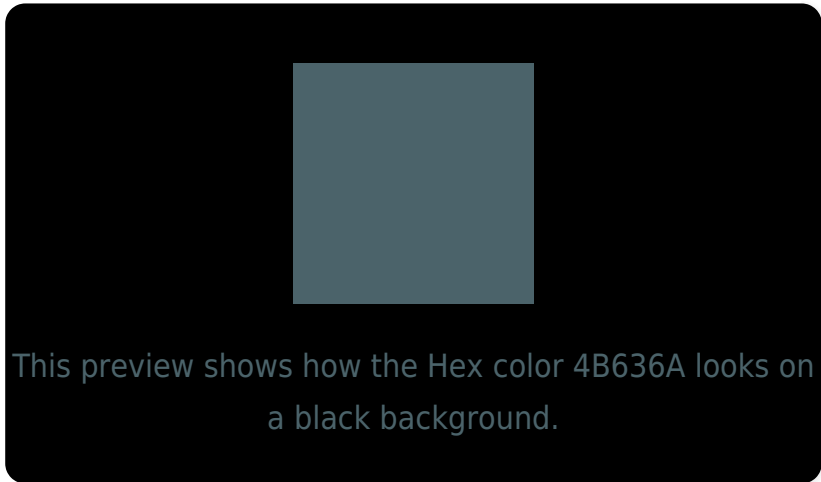
Large Text (above 18pt) WCAG AA ✓ Pass

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

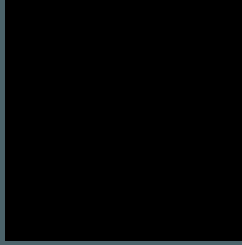
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

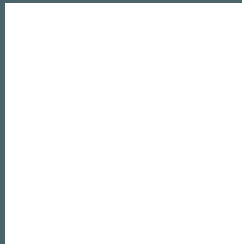
Any Text WCAG AAA × Fail

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

Hex 4B636A Background



This preview shows how black text looks on a background with the Hex color 4B636A.

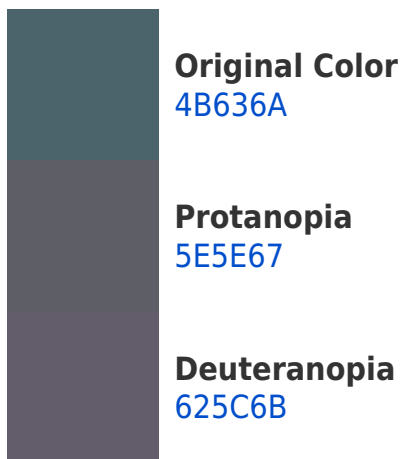



This preview shows how white text looks on a background with the Hex color 4B636A.

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](#).

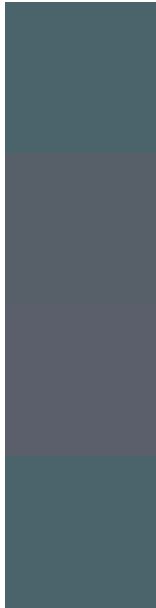
Dichromacy





Tritanopia
4B636B

Trichromacy



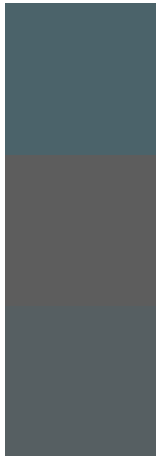
Original Color
4B636A

Protanomaly
576068

Deuteranomaly
5A5F6B

Tritanomaly
4B636B

Monochromacy



Original Color
4B636A

Achromatopsia
5D5D5D

Achromatomaly
565F62

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B636A 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 #4B636A looks like.

```
.text, #text, p{  
    color:#4B636A  
}
```

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 #4B636A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B636A
}
```

Border

The CSS property to change the border of an element to Hex 4B636A 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
#4B636A }
```

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

```
.border{ border-color:#4B636A }
```

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

Here you see how a box with a 4 pixel #4B636A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B636A; -webkit-box-shadow:4px 4px  
4px 4px #4B636A; box-shadow:4px 4px 4px  
4px #4B636A }
```

Background

The CSS property to change the background color of an element to Hex 4B636A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B636A }
```

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

```
.background{ background-color:#4B636A }
```

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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