

Converting Colors

Hex(4A646A)

Have a look what the booklet for
Hex(4A646A) contains.

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Color

Hex(4A646A)

Conversions

Conversions Part 1

Format	Color
Hex	4A646A
RGB	74, 100, 106
RGB Percent	29%, 39%, 42%
CMY	0.7098, 0.6078, 0.5843
CMYK	0.30, 0.06, 0.00, 0.58
HSL	191°, 18%, 35%
HSV	191°, 30%, 42%
XYZ	9.9827, 11.6108, 15.3506
YIQ	92.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

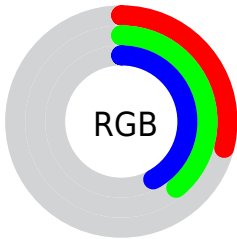
Format	Color
RYB	74, 88, 106
Decimal	4875370
CIELab	40.59, -8.02, -6.52
CIELCh	41, 10.336, 219.123
Yxy	11.6108, 0.2702, 0.3143
Android (android.graphics.Color)	4283065450 (0xFF4A646A)
YUV	92.9100, 6.4534, -16.5841
Hunter-Lab	34.0746, -7.3360, -2.8579

Details

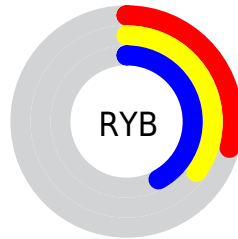
The Hex color **4A646A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A504A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7C979D**, and **1C353B** is the 20% darker color. If you saturate the color by 10%, you get **3F626A**, and if you desaturate by 10%, it is **55666A**.

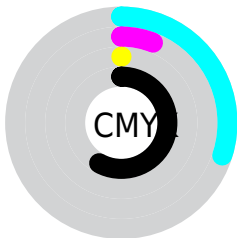
Distribution



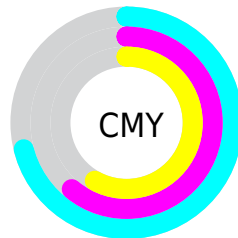
- Red (29%)
- Green (39%)
- Blue (42%)



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



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4A646A 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 4A646A by changing the saturation by 10% instead.



4A646A



4A646A

FFFFFF



334C52



7C979D



1C353B



96B2B8



052025



B1CDD4



000511



CCE9F0



000000



E9FFFF



4A646A



4A646A



3F626A



55666A



35606A



5F686A

■ 2A5E6A

■ 6A6A6A

■ 205C6A

■ 746C6A

■ 155A6A

■ 7F6E6A

■ 0A586A

■ 8A706A

■ 00566A

■ 94726A

■ 9F746A

■ A9766A

Harmonies

Analogous

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



4B6562



4A646A



50626F

Triad

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



4A646A



6D5B66



64604F

Complementary

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



4A646A



6A504A

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.



6C5D50



4A646A



715A5D

Square

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



4A646A



645D6D



715B55



5A6252

Rectangle

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



4A646A



566070



715B55



675F4F

Sweetspot

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



4A646A



7D878A



4A6A50



3D4345



C4C4C4



454545

Same Dimension

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



4A646A



58808A



4A546A



303536



005F75



00C7F5

Inverse Universe

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



6A4A64



8A5880



6A604A



363035



75005F



F500C7

Previews

White Background



This preview shows how the Hex color 4A646A looks on a white background.

Color Contrast Check

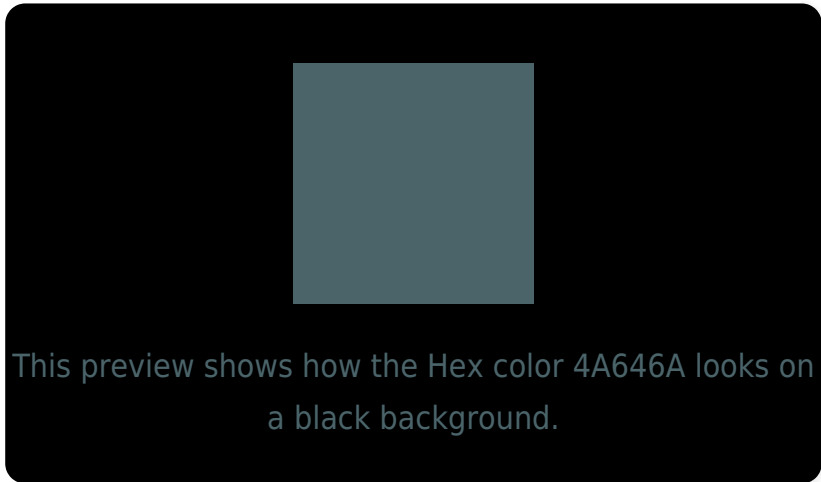
Large Text (above 18pt) WCAG AA ✓ Pass

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

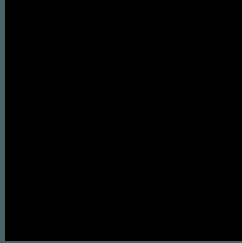
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

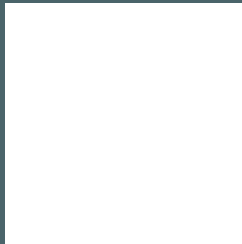
Any Text WCAG AAA × Fail

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

Hex 4A646A Background



This preview shows how black text looks on a background with the Hex color 4A646A.

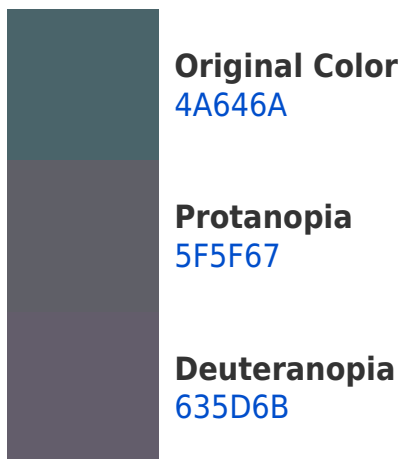



This preview shows how white text looks on a background with the Hex color 4A646A.

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](#).

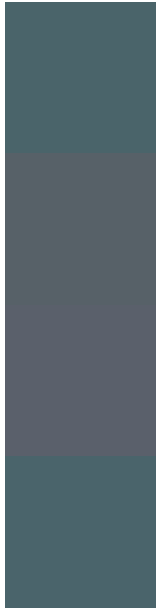
Dichromacy





Tritanopia
4A646C

Trichromacy



Original Color

4A646A

Protanomaly

576168

Deuteranomaly

5A606B

Tritanomaly

4A646B

Monochromacy



Original Color

4A646A

Achromatopsia

5D5D5D

Achromatomaly

566062

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A646A 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 #4A646A looks like.

```
.text, #text, p{  
    color:#4A646A  
}
```

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 #4A646A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A646A
}
```

Border

The CSS property to change the border of an element to Hex 4A646A 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
#4A646A }
```

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

```
.border{ border-color:#4A646A }
```

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

Here you see how a box with a 4 pixel #4A646A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A646A; -webkit-box-shadow:4px 4px  
4px 4px #4A646A; box-shadow:4px 4px 4px  
4px #4A646A }
```

Background

The CSS property to change the background color of an element to Hex 4A646A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A646A }
```

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

```
.background{ background-color:#4A646A }
```

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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