

Converting Colors

Hex(47636B)

Have a look what the booklet for
Hex(47636B) contains.

Hex(47636B)	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(47636B)

Conversions

Conversions Part 1

Format	Color
Hex	47636B
RGB	71, 99, 107
RGB Percent	28%, 39%, 42%
CMY	0.7216, 0.6118, 0.5804
CMYK	0.34, 0.07, 0.00, 0.58
HSL	193°, 20%, 35%
HSV	193°, 34%, 42%
XYZ	9.7142, 11.3248, 15.5838
YIQ	91.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

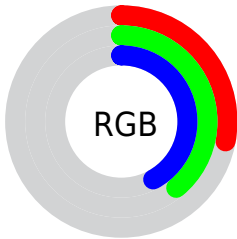
Format	Color
R_{YB}	71, 87, 107
Decimal	4678507
CIE Lab	40.12, -8.13, -7.85
CIE LCh	40, 11.307, 223.998
Yxy	11.3248, 0.2653, 0.3092
Android (android.graphics.Color)	4282868587 (0xFF47636B)
YUV	91.5400, 7.6218, -18.0136
Hunter-Lab	33.6524, -7.3651, -3.8995

Details

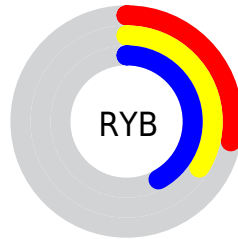
The Hex color **47636B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B4F47**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **79969E**, and **18343C** is the 20% darker color. If you saturate the color by 10%, you get **3C616B**, and if you desaturate by 10%, it is **52656B**.

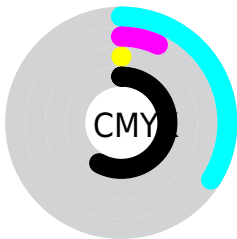
Distribution



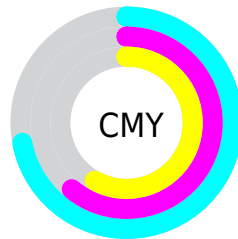
- Red (28%)
- Green (39%)
- Blue (42%)



- Red (28%)
- Yellow (34%)
- Blue (42%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (72%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47636B 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 47636B by changing the saturation by 10% instead.

■ 47636B

■ 47636B

FFFFFF

■ 2F4B53

■ 79969E

■ 18343C

■ 93B0B9

■ 021F26

■ AECCD5

■ 000212

■ C9E8F1

■ 000000

■ E6FFFF

■ 47636B

■ 47636B

■ 3C616B

■ 52656B

■ 325E6B

■ 5C686B

■ 275C6B

■ 676A6B

■ 1C596B

■ 726D6B

■ 11576B

■ 7D6F6B

■ 07556B

■ 87716B

■ 00536B

■ 92746B

■ 9D766B

■ A7786B

Harmonies

Analogous

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



476463



47636B



4E6170

Triad

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



47636B



6E5964



615F4D

Complementary

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



47636B



6B4F47

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.



6A5C4D



47636B



72585A

Square

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



47636B



655B6C



705A52



576251

Rectangle

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



47636B



565F71



705A52



655E4C

Sweetspot

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



47636B



7E898C



476B4F



3F4547



C7C7C7



474747

Same Dimension

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



47636B



54808C



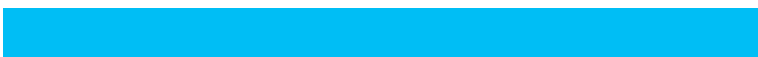
47516B



303436



005B75



00BEF5

Inverse Universe

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



6B4763



8C5480



6B6147



363034



75005B



F500BE

Previews

White Background



This preview shows how the Hex color 47636B looks on a white background.

Color Contrast Check

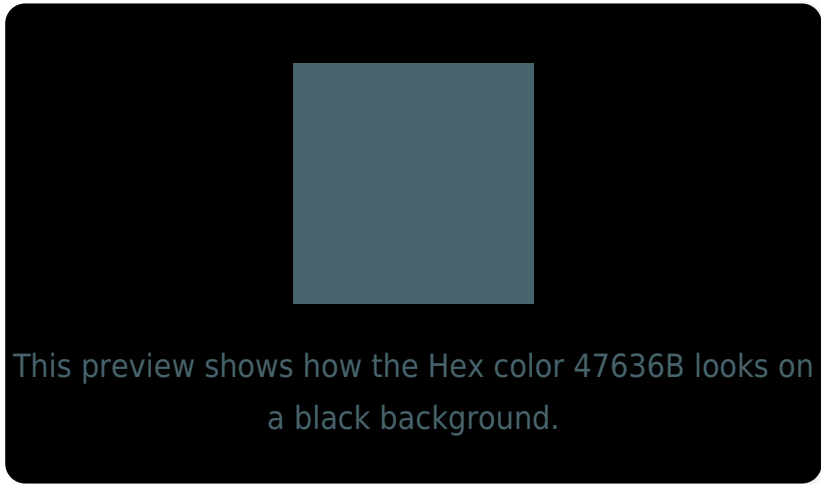
Large Text (above 18pt) WCAG AA ✓ Pass

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

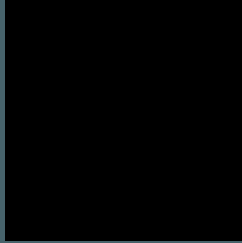
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

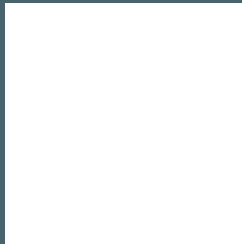
Any Text WCAG AAA × Fail

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

Hex 47636B Background



This preview shows how black text looks on a background with the Hex color 47636B.

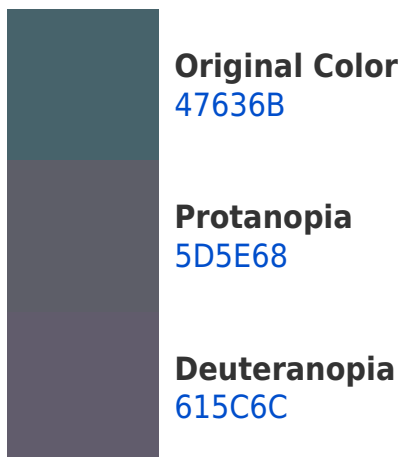


This preview shows how white text looks on a background with the Hex color 47636B.

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
47636B

Trichromacy



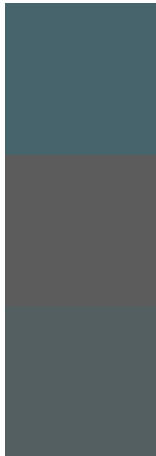
Original Color
47636B

Protanomaly
556069

Deuteranomaly
585F6C

Tritanomaly
47636B

Monochromacy



Original Color
47636B

Achromatopsia
5C5C5C

Achromatomaly
545F61

CSS Examples

Text

The CSS property to change the color of the text to Hex 47636B 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 #47636B looks like.

```
.text, #text, p{  
    color:#47636B  
}
```

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 #47636B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47636B
}
```

Border

The CSS property to change the border of an element to Hex 47636B is called "border". The border property can be set on classes, ids or directly on the HTML element.

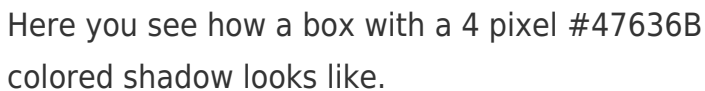
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47636B }
```

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

```
.border{ border-color:#47636B }
```

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



Here you see how a box with a 4 pixel #47636B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47636B; -webkit-box-shadow:4px 4px  
4px 4px #47636B; box-shadow:4px 4px 4px  
4px #47636B }
```

Background

The CSS property to change the background color of an element to Hex 47636B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47636B }
```

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

```
.background{ background-color:#47636B }
```

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