

Converting Colors

Hex(47666D)

Have a look what the booklet for
Hex(47666D) contains.

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Color

Hex(47666D)

Conversions

Conversions Part 1

Format	Color
Hex	47666D
RGB	71, 102, 109
RGB Percent	28%, 40%, 43%
CMY	0.7216, 0.6000, 0.5725
CMYK	0.35, 0.06, 0.00, 0.57
HSL	191°, 21%, 35%
HSV	191°, 35%, 43%
XYZ	10.1102, 11.9465, 16.2410
YIQ	93.5290, -20.7230, -4.3950

Conversions

Conversions Part 2

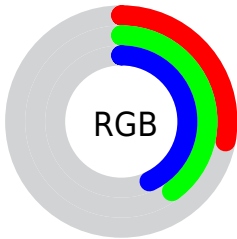
Format	Color
R_{YB}	71, 88, 109
Decimal	4679277
CIE Lab	41.13, -9.35, -7.57
CIE LCh	41, 12.025, 218.987
Yxy	11.9465, 0.2640, 0.3119
Android (android.graphics.Color)	4282869357 (0xFF47666D)
YUV	93.5290, 7.6272, -19.7579
Hunter-Lab	34.5637, -8.2733, -3.6651

Details

The Hex color **47666D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D4E47**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7999A0**, and **18373E** is the 20% darker color. If you saturate the color by 10%, you get **3C646D**, and if you desaturate by 10%, it is **52686D**.

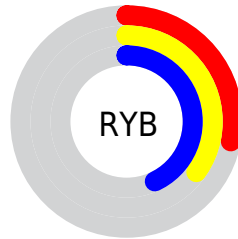
Distribution



Red (28%)

Green (40%)

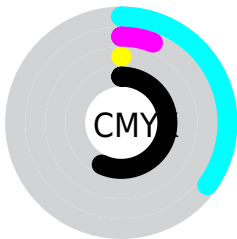
Blue (43%)



Red (28%)

Yellow (35%)

Blue (43%)

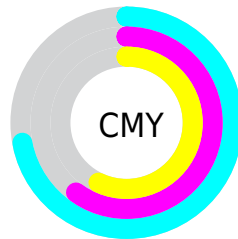


Cyan (35%)

Magenta (6%)

Yellow (0%)

Black (57%)



Cyan (72%)

Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47666D 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 47666D by changing the saturation by 10% instead.

47666D

47666D

FFFFFF

2F4E55

7999A0

18373E

93B4BB

002228

AECFD7

000914

CAECF4

000000

E6FFFF

47666D

47666D

3C646D

52686D

31626D

5D6A6D

■ 26606D

■ 686C6D

■ 1B5E6D

■ 736E6D

■ 105C6D

■ 7E706D

■ 065A6D

■ 88726D

■ 00596D

■ 93746D

■ 9E766D

■ A9786D

Harmonies

Analogous

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



486764



47666D



4E6473

Triad

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



47666D



705B68



66614E

Complementary

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



47666D



6D4E47

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.



6F5E4F



47666D



755A5E

Square

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



47666D



665E70



755B55



5A6452

Rectangle

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



47666D



556274



755B55



69604D

Sweetspot

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



47666D



818C8F



476D4E



3F4647



C7C7C7



474747

Same Dimension

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



47666D



53848F



47536D



303536



006075



00C8F5

Inverse Universe

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



6D4766



8F5384



6D6147



363035



750060



F500C8

Previews

White Background



This preview shows how the Hex color 47666D looks on a white background.

Color Contrast Check

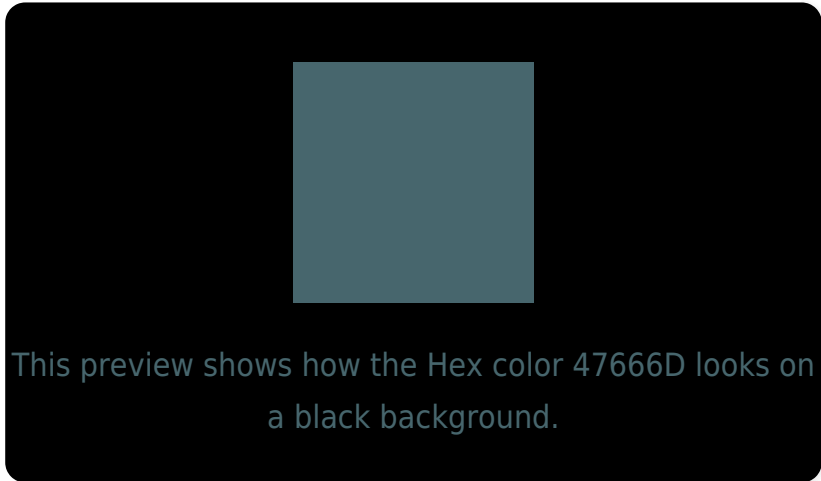
Large Text (above 18pt) WCAG AA ✓ Pass

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

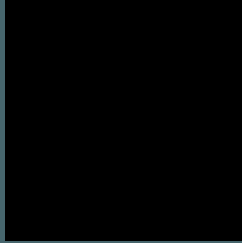
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

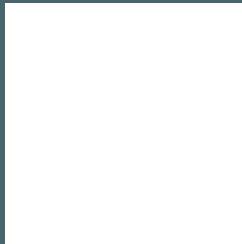
Any Text WCAG AAA × Fail

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

Hex 47666D Background



This preview shows how black text looks on a background with the Hex color 47666D.

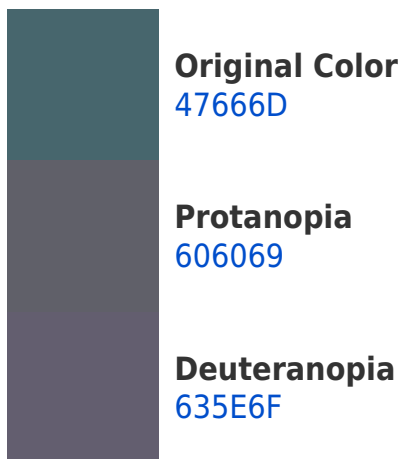



This preview shows how white text looks on a background with the Hex color 47666D.

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](#).

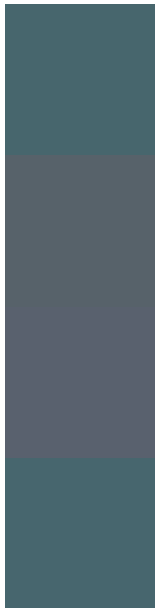
Dichromacy





Tritanopia
47666E

Trichromacy



Original Color
47666D

Protanomaly
57626A

Deuteranomaly
59616E

Tritanomaly
47666E

Monochromacy



Original Color
47666D

Achromatopsia
5E5E5E

Achromatomaly
566163

CSS Examples

Text

The CSS property to change the color of the text to Hex 47666D 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 #47666D looks like.

```
.text, #text, p{  
    color:#47666D  
}
```

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 #47666D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47666D
}
```

Border

The CSS property to change the border of an element to Hex 47666D 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
#47666D }
```

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

```
.border{ border-color:#47666D }
```

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

Here you see how a box with a 4 pixel #47666D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47666D; -webkit-box-shadow:4px 4px  
4px 4px #47666D; box-shadow:4px 4px 4px  
4px #47666D }
```

Background

The CSS property to change the background color of an element to Hex 47666D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47666D }
```

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

```
.background{ background-color:#47666D }
```

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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