

Converting Colors

Hex(47466A)

Have a look what the booklet for
Hex(47466A) contains.

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Color

Hex(47466A)

Conversions

Conversions Part 1

Format	Color
Hex	47466A
RGB	71, 70, 106
RGB Percent	28%, 27%, 42%
CMY	0.7216, 0.7255, 0.5843
CMYK	0.33, 0.34, 0.00, 0.58
HSL	242°, 20%, 35%
HSV	242°, 34%, 42%
XYZ	7.3902, 6.7605, 14.5511
YIQ	74.4030, -10.9600, 11.4080

Conversions

Conversions Part 2

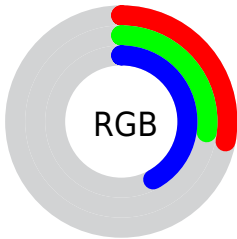
Format	Color
R_{YB}	71, 70, 106
Decimal	4671082
CIE Lab	31.26, 9.72, -20.78
CIE LCh	31, 22.939, 295.071
Yxy	6.7605, 0.2575, 0.2355
Android (android.graphics.Color)	4282861162 (0xFF47466A)
YUV	74.4030, 15.5773, -2.9844
Hunter-Lab	26.0010, 5.2330, -14.9801

Details

The Hex color **47466A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **696A46**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **79769D**, and **191B3A** is the 20% darker color. If you saturate the color by 10%, you get **3D3B6A**, and if you desaturate by 10%, it is **51516A**.

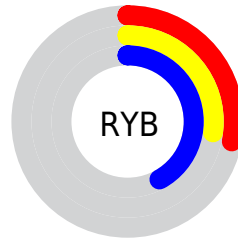
Distribution



Red (28%)

Green (27%)

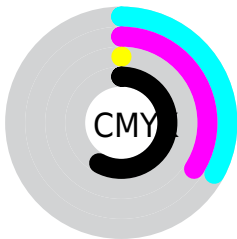
Blue (42%)



Red (28%)

Yellow (27%)

Blue (42%)

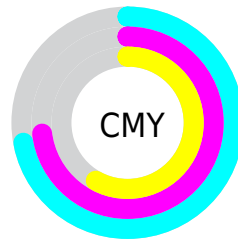


Cyan (33%)

Magenta (34%)

Yellow (0%)

Black (58%)



Cyan (72%)

Magenta (73%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47466A 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 47466A by changing the saturation by 10% instead.



47466A



47466A

FFFFFF



303052



79769D



191B3A



9390B8



040025



ADAAD4



00010E



C9C6F1



000000



E5E2FF

FFFEFF



47466A



47466A



3D3B6A



51516A

■ 32316A

■ 5C5B6A

■ 28266A

■ 66666A

■ 1E1C6A

■ 70706A

■ 13116A

■ 7B7B6A

■ 09066A

■ 85866A

■ 03006A

■ 8F906A

■ 999B6A

■ A4A56A

Harmonies

Analogous

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



284C6D



47466A



5D3F5E

Triad

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



47466A



65412D



155346

Complementary

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



47466A



696A46

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.



305134



47466A



584725

Square

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



47466A



6C3C3B



464D28



005358

Rectangle

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



47466A



673C53



464D28



205240

Sweetspot

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



47466A



7C7C8A



46696A



3D3D45



C4C4C4



454545

Same Dimension

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



47466A



53518A



59466A



303036



030075



0700F5

Inverse Universe

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



6A4669



8A5188



576A46



363035



750072



F500EE

Previews

White Background



This preview shows how the Hex color 47466A looks on a white background.

Color Contrast Check

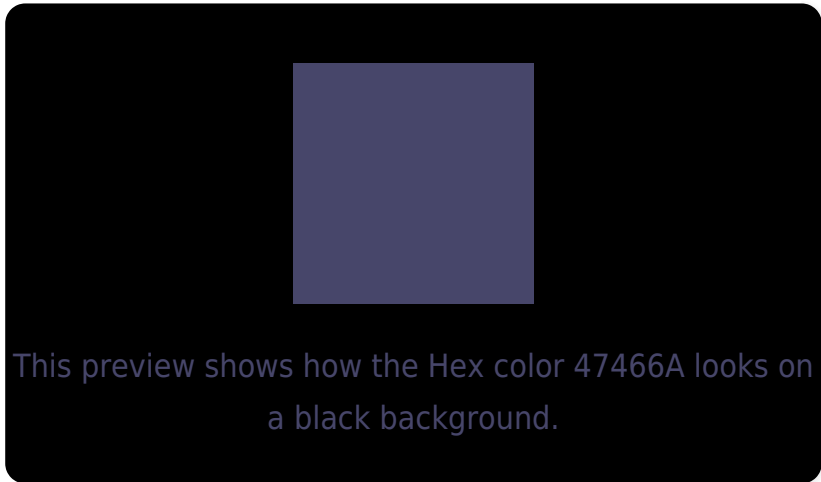
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

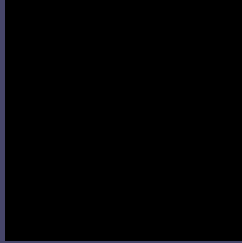
Any Text WCAG AA × Fail

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 47466A Background



This preview shows how black text looks on a background with the Hex color 47466A.

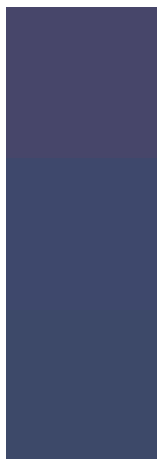


This preview shows how white text looks on a background with the Hex color 47466A.

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
47466A

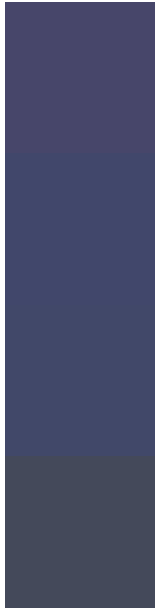
Protanopia
3E486C

Deuteranopia
3D4969



Tritanopia
424B51

Trichromacy



Original Color
47466A

Protanomaly
41476B

Deuteranomaly
414869

Tritanomaly
44495A

Monochromacy



Original Color
47466A

Achromatopsia
4A4A4A

Achromatomaly
494956

CSS Examples

Text

The CSS property to change the color of the text to Hex 47466A 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 #47466A looks like.

```
.text, #text, p{  
    color:#47466A  
}
```

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 #47466A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47466A
}
```

Border

The CSS property to change the border of an element to Hex 47466A is called "border". The border property can be set on classes, ids or directly on the HTML element.

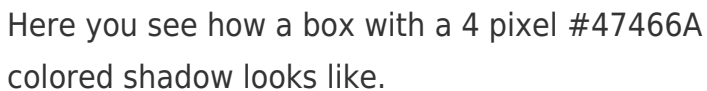
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47466A }
```

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

```
.border{ border-color:#47466A }
```

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



Here you see how a box with a 4 pixel #47466A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47466A; -webkit-box-shadow:4px 4px  
4px 4px #47466A; box-shadow:4px 4px 4px  
4px #47466A }
```

Background

The CSS property to change the background color of an element to Hex 47466A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47466A }
```

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

```
.background{ background-color:#47466A }
```

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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