

Converting Colors

Hex(46466F)

Have a look what the booklet for
Hex(46466F) contains.

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Color

Hex(46466F)

Conversions

Conversions Part 1

Format	Color
Hex	46466F
RGB	70, 70, 111
RGB Percent	27%, 27%, 44%
CMY	0.7255, 0.7255, 0.5647
CMYK	0.37, 0.37, 0.00, 0.56
HSL	240°, 23%, 35%
HSV	240°, 37%, 44%
XYZ	7.5852, 6.8301, 15.9575
YIQ	74.6740, -13.1610, 12.7510

Conversions

Conversions Part 2

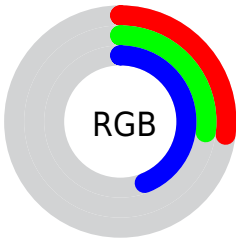
Format	Color
R_{YB}	70, 70, 111
Decimal	4605551
CIE Lab	31.42, 10.88, -23.69
CIE LCh	31, 26.073, 294.674
Yxy	6.8301, 0.2497, 0.2249
Android (android.graphics.Color)	4282795631 (0xFF46466F)
YUV	74.6740, 17.9087, -4.0991
Hunter-Lab	26.1345, 6.0720, -17.9078

Details

The Hex color **46466F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F6F46**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7876A3**, and **171B3F** is the 20% darker color. If you saturate the color by 10%, you get **3B3B6F**, and if you desaturate by 10%, it is **51516F**.

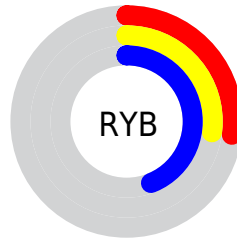
Distribution



Red (27%)

Green (27%)

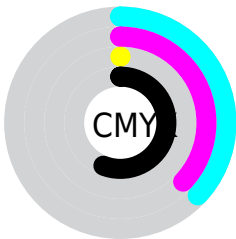
Blue (44%)



Red (27%)

Yellow (27%)

Blue (44%)

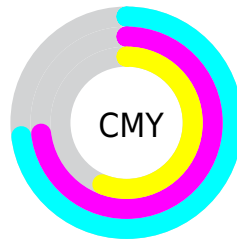


Cyan (37%)

Magenta (37%)

Yellow (0%)

Black (56%)



Cyan (73%)

Magenta (73%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46466F 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 46466F by changing the saturation by 10% instead.



46466F



46466F

FFFFFF



2E3056



7876A3



171B3F



9290BE



020029



ADAADA



000113



C9C6F6



000000



E5E2FF

FFFEFF



46466F



46466F



3B3B6F



51516F

■ 30306F

■ 5C5C6F

■ 25256F

■ 67676F

■ 1A1A6F

■ 72726F

■ 0F0F6F

■ 7E7E6F

■ 03036F

■ 89896F

■ 00006F

■ 94946F

■ 9F9F6F

■ AAAA6F

Harmonies

Analogous

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



1E4D72



46466F



603E62

Triad

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



46466F



694029



045445

Complementary

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



46466F



6F6F46

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.



2D5232



46466F



5A4820

Square

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



46466F



703A3A



454E24



00545A

Rectangle

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



46466F



6B3A55



454E24



17543E

Sweetspot

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



46466F



818191



466F6F



40404A



C9C9C9



4A4A4A

Same Dimension

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



46466F



515191



5B466F



323238



000078



0000F7

Inverse Universe

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



6F466F



915191



5B6F46



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 46466F looks on a white background.

Color Contrast Check

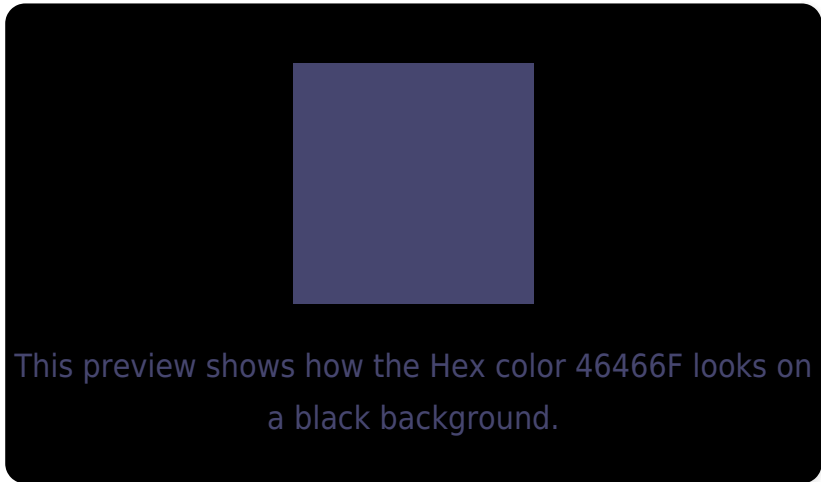
Large Text (above 18pt) WCAG AA ✓ Pass

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

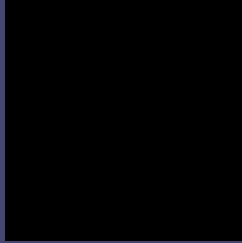
Any Text WCAG AA × Fail

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 46466F Background



This preview shows how black text looks on a background with the Hex color 46466F.

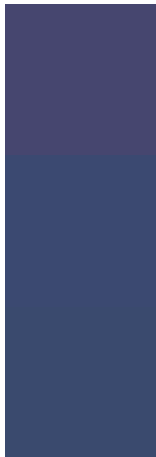


This preview shows how white text looks on a background with the Hex color 46466F.

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
46466F

Protanopia
3B4971

Deuteranopia
3A4A6E



Tritanopia
3F4C52

Trichromacy



Original Color
46466F

Protanomaly
3F4870

Deuteranomaly
3E496E

Tritanomaly
424A5D

Monochromacy



Original Color
46466F

Achromatopsia
4B4B4B

Achromatomaly
494958

CSS Examples

Text

The CSS property to change the color of the text to Hex 46466F 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 #46466F looks like.

```
.text, #text, p{  
    color:#46466F  
}
```

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 #46466F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46466F
}
```

Border

The CSS property to change the border of an element to Hex 46466F 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
#46466F }
```

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

```
.border{ border-color:#46466F }
```

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

Here you see how a box with a 4 pixel #46466F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46466F; -webkit-box-shadow:4px 4px  
4px 4px #46466F; box-shadow:4px 4px 4px  
4px #46466F }
```

Background

The CSS property to change the background color of an element to Hex 46466F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46466F }
```

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

```
.background{ background-color:#46466F }
```

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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