

Converting Colors

Hex(33476C)

Have a look what the booklet for
Hex(33476C) contains.

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Color

Hex(33476C)

Conversions

Conversions Part 1

Format	Color
Hex	33476C
RGB	51, 71, 108
RGB Percent	20%, 28%, 42%
CMY	0.8000, 0.7216, 0.5765
CMYK	0.53, 0.34, 0.00, 0.58
HSL	219°, 36%, 31%
HSV	219°, 53%, 42%
XYZ	6.3253, 6.2930, 15.0686
YIQ	69.2380, -23.7970, 7.2670

Conversions

Conversions Part 2

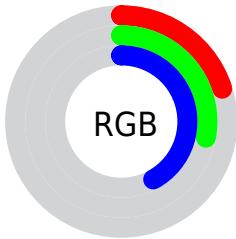
Format	Color
RYB	51, 66, 108
Decimal	3360620
CIELab	30.14, 3.74, -23.90
CIElCh	30, 24.190, 278.897
Yxy	6.2930, 0.2285, 0.2273
Android (android.graphics.Color)	4281550700 (0xFF33476C)
YUV	69.2380, 19.1097, -15.9947
Hunter-Lab	25.0858, 1.1075, -18.0544

Details

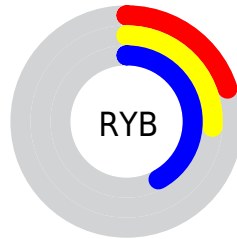
The Hex color **33476C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6C5833**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6577A0**, and **001C3C** is the 20% darker color. If you saturate the color by 10%, you get **28406C**, and if you desaturate by 10%, it is **3E4E6C**.

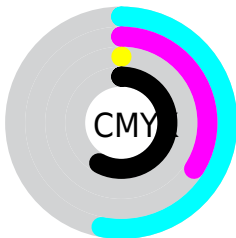
Distribution



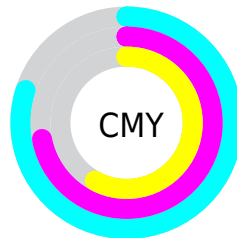
- Red (20%)
- Green (28%)
- Blue (42%)



- Red (20%)
- Yellow (26%)
- Blue (42%)



- Cyan (53%)
- Magenta (34%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33476C 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 33476C by changing the saturation by 10% instead.

■ 33476C

■ 33476C

FFFFFF

■ 1A3154

■ 6577A0

■ 001C3C

■ 7F91BB

■ 000027

■ 9AABD7

■ 000110

■ B5C6F3

■ 000000

■ D1E2FF

■ EEEFFF

■ 33476C

■ 33476C

■ 28406C

■ 3E4E6C

■ 1D396C

■ 49556C

■ 13326C

■ 535C6C

■ 082B6C

■ 5E636C

■ 00266C

■ 696A6C

■ 74716C

■ 7F786C

■ 897F6C

■ 94866C

Harmonies

Analogous

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



024D6A



33476C



504064

Triad

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



33476C



683B30



205039

Complementary

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



33476C



6C5833

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.



394D29



33476C



5E4124

Square

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



33476C



6B3842



4D4821



00514C

Rectangle

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



33476C



5E3B5B



4D4821



294F33

Sweetspot

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



33476C



767E8C



336C57



3A3F47



C7C7C7



474747

Same Dimension

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



33476C



34538C



3B336C



303236



002975



0056F5

Inverse Universe

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



6C3347



8C3453



646C33



363032



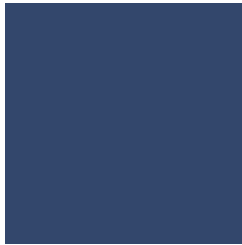
750029



F50056

Previews

White Background



This preview shows how the Hex color 33476C looks on a white background.

Color Contrast Check

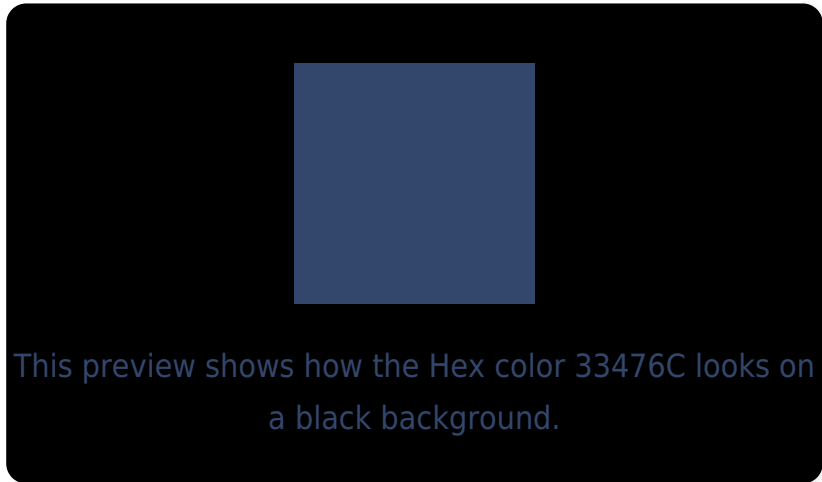
Large Text (above 18pt) WCAG AA ✓ Pass

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

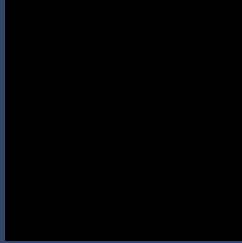
Any Text WCAG AA × Fail

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 33476C Background



This preview shows how black text looks on a background with the Hex color 33476C.

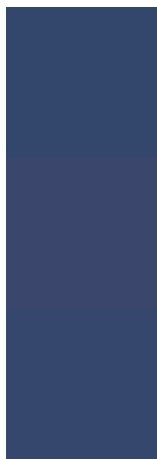


This preview shows how white text looks on a background with the Hex color 33476C.

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
33476C

Protanopia
3A466B

Deuteranopia
35476C

Trichromacy



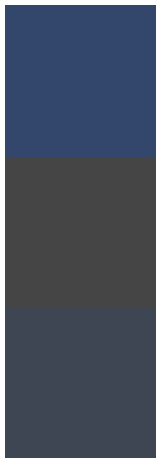
Original Color
33476C

Protanomaly
37466B

Deuteranomaly
34476C

Tritanomaly
2D4A5B

Monochromacy



Original Color
33476C

Achromatopsia
454545

Achromatomaly
3E4653

CSS Examples

Text

The CSS property to change the color of the text to Hex 33476C 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 #33476C looks like.

```
.text, #text, p{  
    color:#33476C  
}
```

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 #33476C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33476C
}
```

Border

The CSS property to change the border of an element to Hex 33476C is called "border". The border property can be set on classes, ids or directly on the HTML element.

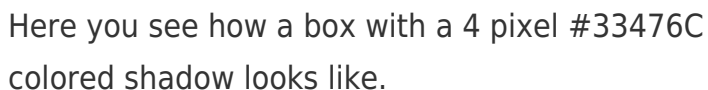
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33476C }
```

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

```
.border{ border-color:#33476C }
```

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



Here you see how a box with a 4 pixel #33476C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33476C; -webkit-box-shadow:4px 4px  
4px 4px #33476C; box-shadow:4px 4px 4px  
4px #33476C }
```

Background

The CSS property to change the background color of an element to Hex 33476C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33476C }
```

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

```
.background{ background-color:#33476C }
```

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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