

Converting Colors

Hex(30466C)

Have a look what the booklet for
Hex(30466C) contains.

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Color

Hex(30466C)

Conversions

Conversions Part 1

Format	Color
Hex	30466C
RGB	48, 70, 108
RGB Percent	19%, 27%, 42%
CMY	0.8118, 0.7255, 0.5765
CMYK	0.56, 0.35, 0.00, 0.58
HSL	218°, 38%, 31%
HSV	218°, 56%, 42%
XYZ	6.1159, 6.0914, 15.0408
YIQ	67.7540, -25.3100, 7.1540

Conversions

Conversions Part 2

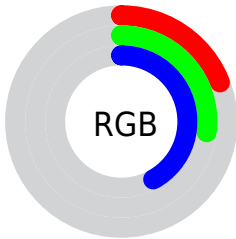
Format	Color
R_YB	48, 64, 108
Decimal	3163756
CIE _{Lab}	29.64, 3.63, -24.69
CIE _{LCh}	30, 24.959, 278.356
Yxy	6.0914, 0.2245, 0.2236
Android (android.graphics.Color)	4281353836 (0xFF30466C)
YUV	67.7540, 19.8413, -17.3243
Hunter-Lab	24.6808, 1.0407, -18.8555

Details

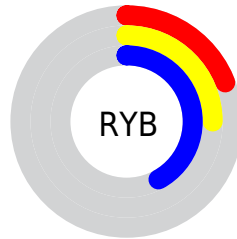
The Hex color **30466C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6C5630**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6376A0**, and **001B3C** is the 20% darker color. If you saturate the color by 10%, you get **253F6C**, and if you desaturate by 10%, it is **3B4D6C**.

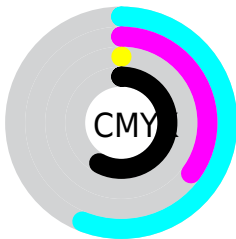
Distribution



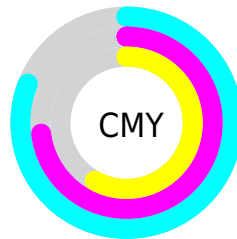
- Red (19%)
- Green (27%)
- Blue (42%)



- Red (19%)
- Yellow (25%)
- Blue (42%)



- Cyan (56%)
- Magenta (35%)
- Yellow (0%)
- Black (58%)



- Cyan (81%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30466C 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 30466C by changing the saturation by 10% instead.

■ 30466C

■ 30466C

FFFFFF

■ 163054

■ 6376A0

■ 001B3C

■ 7D90BB

■ 000127

■ 97AAD7

■ 000110

■ B3C5F3

■ 000000

■ CFE1FF

■ EBFEFF

■ 30466C

■ 30466C

■ 253F6C

■ 3B4D6C

■ 1A386C

■ 46546C

■ 10316C

■ 505B6C

■ 052B6C

■ 5B616C

■ 00286C

■ 66686C

■ 716F6C

■ 7C766C

■ 867D6C

■ 91846C

Harmonies

Analogous

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



004C69



30466C



4F3F64

Triad

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



30466C



68392F



1D4F37

Complementary

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



30466C



6C5630

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.



384C26



30466C



5D4022

Square

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



30466C



6A3641



4C461E



00504B

Rectangle

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



30466C



5D3A5A



4C461E



274E31

Sweetspot

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



30466C



747D8C



306C56



393E47



C7C7C7



474747

Same Dimension

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



30466C



2E518C



38306C



303236



002B75



005AF5

Inverse Universe

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



6C3046



8C2E51



646C30



363032



75002B



F5005A

Previews

White Background



This preview shows how the Hex color 30466C looks on a white background.

Color Contrast Check

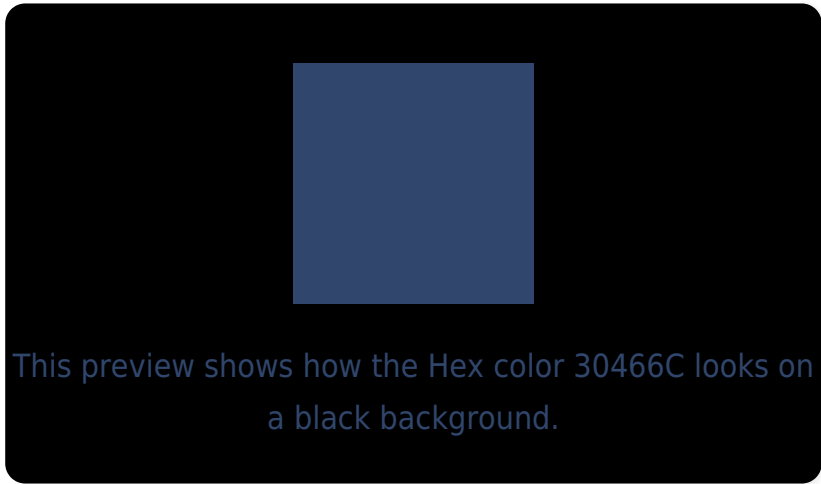
Large Text (above 18pt) WCAG AA ✓ Pass

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 30466C Background



This preview shows how black text looks on a background with the Hex color 30466C.



This preview shows how white text looks on a background with the Hex color 30466C.

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
30466C

Protanopia
38446B

Deuteranopia
32466C



Tritanopia
264B51

Trichromacy



Original Color

30466C

Protanomaly

35456B

Deuteranomaly

31466C

Tritanomaly

2A495B

Monochromacy



Original Color

30466C

Achromatopsia

444444

Achromatomaly

3D4553

CSS Examples

Text

The CSS property to change the color of the text to Hex 30466C 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 #30466C looks like.

```
.text, #text, p{  
    color:#30466C  
}
```

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 #30466C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30466C
}
```

Border

The CSS property to change the border of an element to Hex 30466C is called "border". The border property can be set on classes, ids or directly on the HTML element.

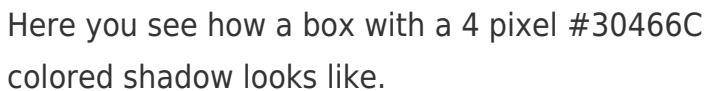
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30466C }
```

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

```
.border{ border-color:#30466C }
```

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



Here you see how a box with a 4 pixel #30466C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30466C; -webkit-box-shadow:4px 4px  
4px 4px #30466C; box-shadow:4px 4px 4px  
4px #30466C }
```

Background

The CSS property to change the background color of an element to Hex 30466C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30466C }
```

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

```
.background{ background-color:#30466C }
```

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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