

Converting Colors

Hex(03476D)

Have a look what the booklet for
Hex(03476D) contains.

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Color

Hex(03476D)

Conversions

Conversions Part 1

Format	Color
Hex	03476D
RGB	3, 71, 109
RGB Percent	1%, 28%, 43%
CMY	0.9882, 0.7216, 0.5725
CMYK	0.97, 0.35, 0.00, 0.57
HSL	202°, 95%, 22%
HSV	202°, 97%, 43%
XYZ	5.0511, 5.6300, 15.2885
YIQ	55.0000, -52.7260, -2.5980

Conversions

Conversions Part 2

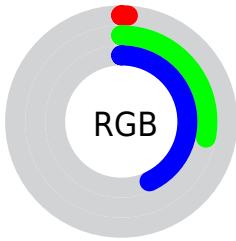
Format	Color
R_YB	3, 44, 109
Decimal	214893
CIE Lab	28.46, -3.65, -27.30
CIE LCh	28, 27.541, 262.384
Yxy	5.6300, 0.1945, 0.2168
Android (android.graphics.Color)	4278404973 (0xFF03476D)
YUV	55.0000, 26.6220, -45.6040
Hunter-Lab	23.7275, -3.5242, -21.5933

Details

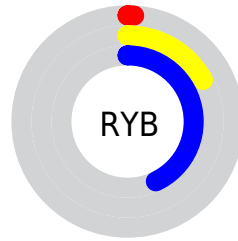
The Hex color **03476D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D2903**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4877A1**, and **001C3D** is the 20% darker color. If you saturate the color by 10%, you get **00466D**, and if you desaturate by 10%, it is **0E4B6D**.

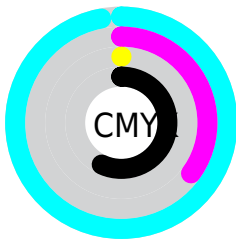
Distribution



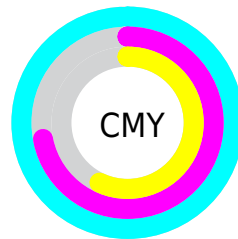
- Red (1%)
- Green (28%)
- Blue (43%)



- Red (1%)
- Yellow (17%)
- Blue (43%)



- Cyan (97%)
- Magenta (35%)
- Yellow (0%)
- Black (57%)



- Cyan (99%)
- Magenta (72%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03476D 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 03476D by changing the saturation by 10% instead.

03476D

03476D

FFFFFF

003154

4877A1

001C3D

6391BC

000327

7EABD8

000111

9AC6F4

000000

B6E2FF

D2FFFF

F0FFFF

03476D

03476D

■ 00466D

■ 0E4B6D

■ 194F6D

■ 24536D

■ 2F576D

■ 3A5B6D

■ 445E6D

■ 4F626D

■ 5A666D

■ 656A6D

Harmonies

Analogous

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



004C64



03476D



3C406A

Triad

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



03476D



6B3234



264B28

Complementary

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



03476D



6D2903

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.



40471A



03476D



633822

Square

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



03476D



673149



544018



004D3D

Rectangle

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



03476D



503A63



544018



304A22

Sweetspot

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



03476D



65808F



036D28



2E3E47



C7C7C7



474747

Same Dimension

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



03476D



005C8F



03136D



303436



004B75



009DF5

Inverse Universe

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



6D0347



8F005C



6D5D03



363034



75004B



F5009D

Previews

White Background



This preview shows how the Hex color 03476D looks on a white background.

Color Contrast Check

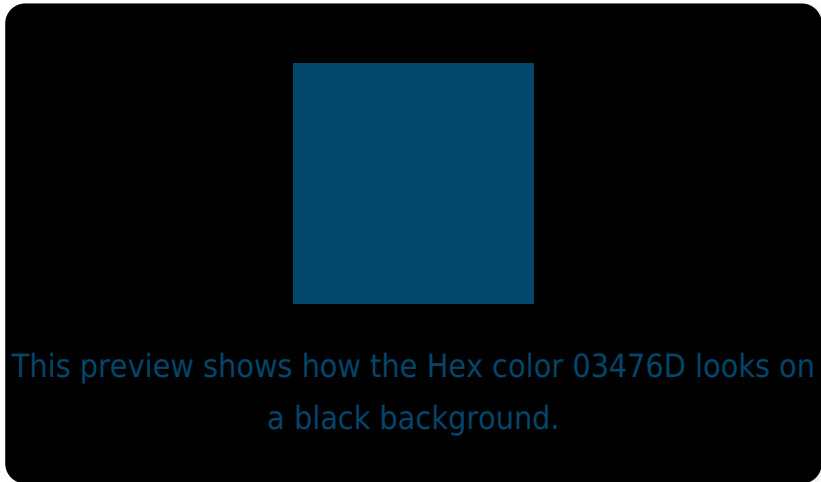
Large Text (above 18pt) WCAG AA ✓ Pass

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

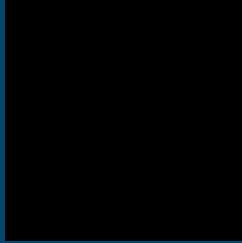
Any Text WCAG AA × Fail

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 03476D Background



This preview shows how black text looks on a background with the Hex color 03476D.



This preview shows how white text looks on a background with the Hex color 03476D.

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
03476D

Protanopia
354269

Deuteranopia
29446E



Tritanopia
004B50

Trichromacy



Original Color
03476D

Protanomaly
23446A

Deuteranomaly
1B456E

Tritanomaly
014A5B

Monochromacy



Original Color
03476D

Achromatopsia
373737

Achromatomaly
243D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 03476D 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 #03476D looks like.

```
.text, #text, p{  
    color:#03476D  
}
```

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 #03476D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03476D
}
```

Border

The CSS property to change the border of an element to Hex 03476D 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
#03476D }
```

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

```
.border{ border-color:#03476D }
```

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

Here you see how a box with a 4 pixel #03476D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03476D; -webkit-box-shadow:4px 4px  
4px 4px #03476D; box-shadow:4px 4px 4px  
4px #03476D }
```

Background

The CSS property to change the background color of an element to Hex 03476D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03476D }
```

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

```
.background{ background-color:#03476D }
```

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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