

Converting Colors

Hex(05476A)

Have a look what the booklet for
Hex(05476A) contains.

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Color

Hex(05476A)

Conversions

Conversions Part 1

Format	Color
Hex	05476A
RGB	5, 71, 106
RGB Percent	2%, 28%, 42%
CMY	0.9804, 0.7216, 0.5843
CMYK	0.95, 0.33, 0.00, 0.58
HSL	201°, 91%, 22%
HSV	201°, 95%, 42%
XYZ	4.9173, 5.5793, 14.4534
YIQ	55.2560, -50.5710, -3.1070

Conversions

Conversions Part 2

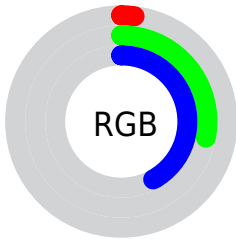
Format	Color
RYB	5, 45, 106
Decimal	345962
CIELab	28.33, -4.75, -25.60
CIELCh	28, 26.037, 259.492
Yxy	5.5793, 0.1971, 0.2236
Android (android.graphics.Color)	4278536042 (0xFF05476A)
YUV	55.2560, 25.0168, -44.0745
Hunter-Lab	23.6206, -4.1760, -19.7450

Details

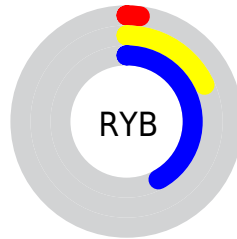
The Hex color **05476A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6A2805**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **48779E**, and **001C3A** is the 20% darker color. If you saturate the color by 10%, you get **00456A**, and if you desaturate by 10%, it is **104B6A**.

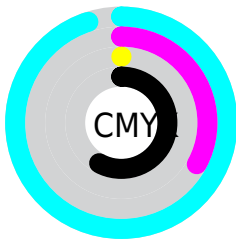
Distribution



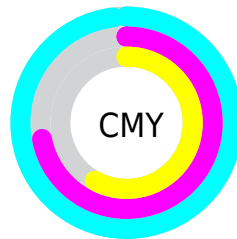
- Red (2%)
- Green (28%)
- Blue (42%)



- Red (2%)
- Yellow (18%)
- Blue (42%)



- Cyan (95%)
- Magenta (33%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05476A 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 05476A by changing the saturation by 10% instead.

05476A

05476A

FFFFFF

003152

48779E

001C3A

6391B9

000225

7EABD4

00010D

99C7F1

000000

B5E3FF

D2FFFF

FFFFFF

05476A

05476A

■ 00456A

■ 104B6A

■ 1A4E6A

■ 25526A

■ 2F566A

■ 3A596A

■ 455D6A

■ 4F616A

■ 5A646A

■ 64686A

Harmonies

Analogous

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



004B61



05476A



394069

Triad

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



05476A



693337



2B4A28

Complementary

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



05476A



6A2805

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.



42461B



05476A



633825

Square

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



05476A



64334B



553F1B



034D3B

Rectangle

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



05476A



4D3B62



553F1B



334923

Sweetspot

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



05476A



627C8A



056A27



2D3C45



C4C4C4



454545

Same Dimension

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



05476A



005A8A



05166A



303436



004D75



00A0F5

Inverse Universe

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



6A0547



8A005A



6A5905



363034



75004D



F500A0

Previews

White Background



This preview shows how the Hex color 05476A looks on a white background.

Color Contrast Check

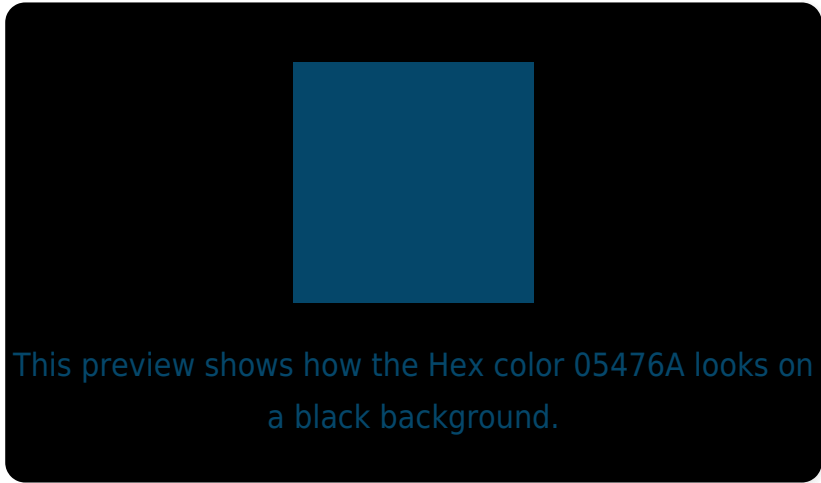
Large Text (above 18pt) WCAG AA ✓ Pass

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

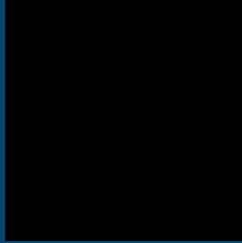
Any Text WCAG AA × Fail

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 05476A Background



This preview shows how black text looks on a background with the Hex color 05476A.



This preview shows how white text looks on a background with the Hex color 05476A.

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
05476A

Protanopia
374266

Deuteranopia
2C436B



Tritanopia
004B50

Trichromacy



Original Color
05476A

Protanomaly
254467

Deuteranomaly
1E446B

Tritanomaly
024A59

Monochromacy



Original Color
05476A

Achromatopsia
373737

Achromatomaly
253D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 05476A 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 #05476A looks like.

```
.text, #text, p{  
    color:#05476A  
}
```

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 #05476A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05476A
}
```

Border

The CSS property to change the border of an element to Hex 05476A 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".

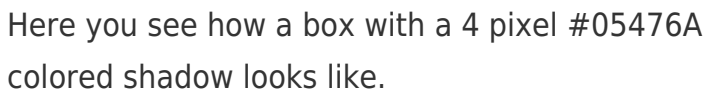
```
.border, #border, table{ border:4px solid
#05476A }
```

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

```
.border{ border-color:#05476A }
```

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

Here you see how a box with a 4 pixel #05476A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05476A; -webkit-box-shadow:4px 4px  
4px 4px #05476A; box-shadow:4px 4px 4px  
4px #05476A }
```

Background

The CSS property to change the background color of an element to Hex 05476A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05476A }
```

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

```
.background{ background-color:#05476A }
```

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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