

Converting Colors

Hex(06476D)

Have a look what the booklet for
Hex(06476D) contains.

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Color

Hex(06476D)

Conversions

Conversions Part 1

Format	Color
Hex	06476D
RGB	6, 71, 109
RGB Percent	2%, 28%, 43%
CMY	0.9765, 0.7216, 0.5725
CMYK	0.94, 0.35, 0.00, 0.57
HSL	202°, 90%, 23%
HSV	202°, 94%, 43%
XYZ	5.0887, 5.6493, 15.2902
YIQ	55.8970, -50.9380, -1.9620

Conversions

Conversions Part 2

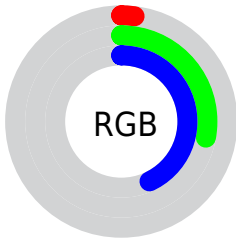
Format	Color
RYB	6, 46, 109
Decimal	411501
CIELab	28.51, -3.41, -27.21
CIElCh	29, 27.427, 262.868
Yxy	5.6493, 0.1955, 0.2170
Android (android.graphics.Color)	4278601581 (0xFF06476D)
YUV	55.8970, 26.1798, -43.7597
Hunter-Lab	23.7683, -3.3787, -21.5036

Details

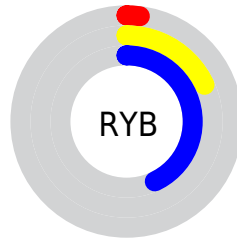
The Hex color **06476D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D2C06**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **4977A1**, and **001C3D** is the 20% darker color. If you saturate the color by 10%, you get **00456D**, and if you desaturate by 10%, it is **114B6D**.

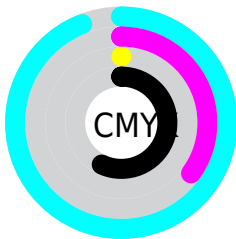
Distribution



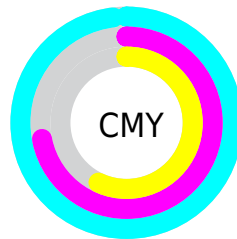
- Red (2%)
- Green (28%)
- Blue (43%)



- Red (2%)
- Yellow (18%)
- Blue (43%)



- Cyan (94%)
- Magenta (35%)
- Yellow (0%)
- Black (57%)



- Cyan (98%)
- Magenta (72%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06476D 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 06476D by changing the saturation by 10% instead.

06476D

06476D

FFFFFF

003154

4977A1

001C3D

6491BC

000327

7FABD8

000111

9BC6F4

000000

B7E2FF

D3FFFF

F1FFFF

06476D

06476D

■ 00456D

■ 114B6D

■ 1C4F6D

■ 27536D

■ 32576D

■ 3C5B6D

■ 475F6D

■ 52636D

■ 5D676D

■ 686B6D

Harmonies

Analogous

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



004C64



06476D



3C406A

Triad

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



06476D



6B3234



264B29

Complementary

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



06476D



6D2C06

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



06476D



633822

Square

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



06476D



683249



544018



004E3D

Rectangle

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



06476D



513A62



544018



2F4A23

Sweetspot

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



06476D



67808F



066D2C



2F3E47



C7C7C7



474747

Same Dimension

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



06476D



005A8F



06146D



303436



004A75



009AF5

Inverse Universe

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



6D0647



8F005A



6D5F06



363034



75004A



F5009A

Previews

White Background



This preview shows how the Hex color 06476D looks on a white background.

Color Contrast Check

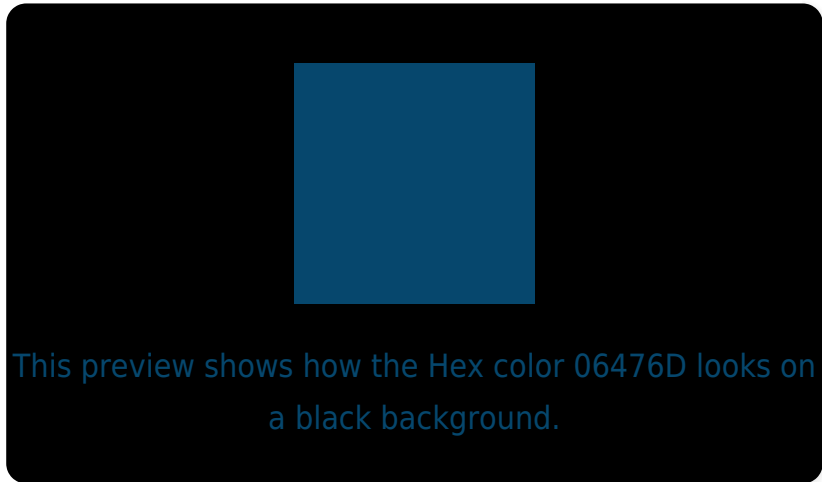
Large Text (above 18pt) WCAG AA ✓ Pass

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

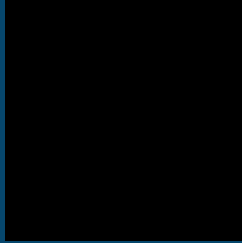
Any Text WCAG AA × Fail

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 06476D Background



This preview shows how black text looks on a background with the Hex color 06476D.



This preview shows how white text looks on a background with the Hex color 06476D.

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
06476D

Protanopia
354269

Deuteranopia
29446E



Tritanopia
004B50

Trichromacy



Original Color
06476D

Protanomaly
24446A

Deuteranomaly
1C456E

Tritanomaly
024A5B

Monochromacy



Original Color
06476D

Achromatopsia
383838

Achromatomaly
263D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 06476D 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 #06476D looks like.

```
.text, #text, p{  
    color:#06476D  
}
```

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 #06476D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06476D
}
```

Border

The CSS property to change the border of an element to Hex 06476D 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
#06476D }
```

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

```
.border{ border-color:#06476D }
```

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

Here you see how a box with a 4 pixel #06476D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06476D; -webkit-box-shadow:4px 4px  
4px 4px #06476D; box-shadow:4px 4px 4px  
4px #06476D }
```

Background

The CSS property to change the background color of an element to Hex 06476D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06476D }
```

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

```
.background{ background-color:#06476D }
```

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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