

Converting Colors

Hex(00467B)

Have a look what the booklet for
Hex(00467B) contains.

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Color

Hex(00467B)

Conversions

Conversions Part 1

Format	Color
Hex	00467B
RGB	0, 70, 123
RGB Percent	0%, 27%, 48%
CMY	1.0000, 0.7255, 0.5176
CMYK	1.00, 0.43, 0.00, 0.52
HSL	206°, 100%, 24%
HSV	206°, 100%, 48%
XYZ	5.7653, 5.8104, 19.5565
YIQ	55.1120, -58.7330, 1.6430

Conversions

Conversions Part 2

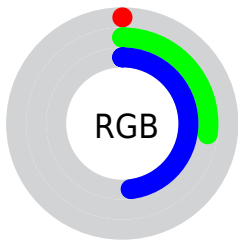
Format	Color
RYB	0, 45, 123
Decimal	18043
CIELab	28.93, 2.80, -35.38
CIELCh	29, 35.490, 274.520
Yxy	5.8104, 0.1852, 0.1866
Android (android.graphics.Color)	4278208123 (0xFF00467B)
YUV	55.1120, 33.4688, -48.3332
Hunter-Lab	24.1047, 0.5099, -31.2296

Details

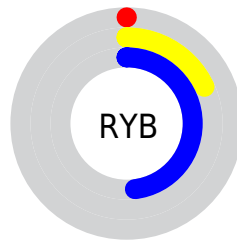
The Hex color **00467B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7B3500**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4B76B0**, and **001C4A** is the 20% darker color. If you saturate the color by 10%, you get **00467B**, and if you desaturate by 10%, it is **0C4B7B**.

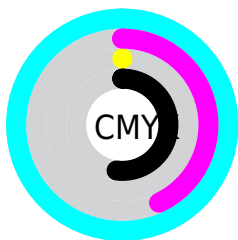
Distribution



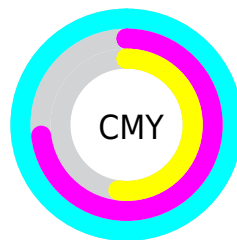
- Red (0%)
- Green (27%)
- Blue (48%)



- Red (0%)
- Yellow (18%)
- Blue (48%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (73%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00467B 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 00467B by changing the saturation by 10% instead.

 00467B

 00467B

FFFFFF

 003062

 4B76B0

 001C4A

 678FCC

 000433

 83AAE8

 00021D

 9FC5FF

 000000

 BBE1FF

 D8FDFF

 F6FFFF

 00467B

■ 0C4B7B

■ 19517B

■ 25567B

■ 315B7B

■ 3E617B

■ 4A667B

■ 566B7B

■ 62707B

■ 6F767B

Harmonies

Analogous

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



004D75



00467B



4A3B72

Triad

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



00467B



732F27



00502B

Complementary

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



00467B



7B3500

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.



324B13



00467B



653A11

Square

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



00467B



752A41



4E4406



005148

Rectangle

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



00467B



613364



4E4406



174E23

Sweetspot

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



00467B



708CA1



007B33



344552



D1D1D1



525252

Same Dimension

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



00467B



005BA1



000A7B



373B3D



00477D



0090FC

Inverse Universe

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



7B0046



A1005B



7B7100



3D373B



7D0047



FC0090

Previews

White Background



This preview shows how the Hex color 00467B looks on a white background.

Color Contrast Check

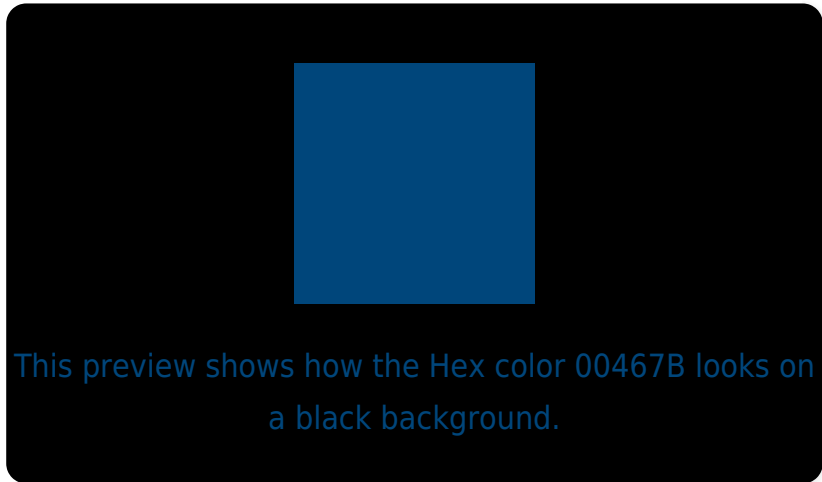
Large Text (above 18pt) WCAG AA ✓ Pass

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

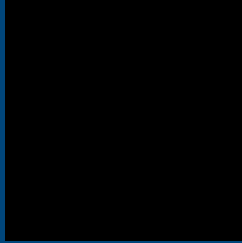
Any Text WCAG AA × Fail

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 00467B Background



This preview shows how black text looks on a background with the Hex color 00467B.



This preview shows how white text looks on a background with the Hex color 00467B.

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

00467B

Protanopia

2D4378

Deuteranopia

0D467B



Tritanopia
004C51

Trichromacy



Original Color
00467B

Protanomaly
1D4479

Deuteranomaly
08467B

Tritanomaly
004A60

Monochromacy



Original Color
00467B

Achromatopsia
373737

Achromatomaly
233C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 00467B 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 #00467B looks like.

```
.text, #text, p{  
    color:#00467B  
}
```

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 #00467B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00467B
}
```

Border

The CSS property to change the border of an element to Hex 00467B 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
#00467B }
```

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

```
.border{ border-color:#00467B }
```

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

Here you see how a box with a 4 pixel #00467B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00467B; -webkit-box-shadow:4px 4px  
4px 4px #00467B; box-shadow:4px 4px 4px  
4px #00467B }
```

Background

The CSS property to change the background color of an element to Hex 00467B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00467B }
```

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

```
.background{ background-color:#00467B }
```

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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