

Converting Colors

Hex(004A76)

Have a look what the booklet for
Hex(004A76) contains.

Hex(004A76)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(004A76)

Conversions

Conversions Part 1

Format	Color
Hex	004A76
RGB	0, 74, 118
RGB Percent	0%, 29%, 46%
CMY	1.0000, 0.7098, 0.5373
CMYK	1.00, 0.37, 0.00, 0.54
HSL	202°, 100%, 23%
HSV	202°, 100%, 46%
XYZ	5.7188, 6.2056, 18.0359
YIQ	56.8900, -58.2280, -2.0040

Conversions

Conversions Part 2

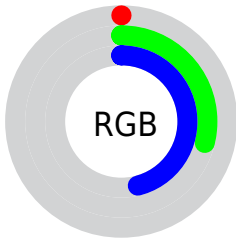
Format	Color
RYB	0, 45, 118
Decimal	19062
CIELab	29.93, -2.03, -30.66
CIElCh	30, 30.724, 266.216
Yxy	6.2056, 0.1909, 0.2071
Android (android.graphics.Color)	4278209142 (0xFF004A76)
YUV	56.8900, 30.1272, -49.8925
Hunter-Lab	24.9110, -2.6161, -25.4892

Details

The Hex color **004A76** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **762C00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **497AAA**, and **001F45** is the 20% darker color. If you saturate the color by 10%, you get **004A76**, and if you desaturate by 10%, it is **0C4E76**.

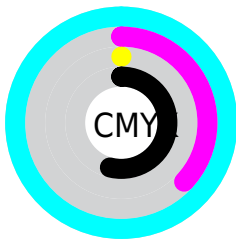
Distribution



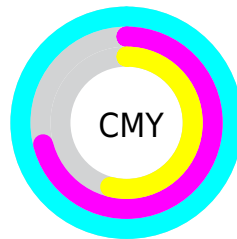
- Red (0%)
- Green (29%)
- Blue (46%)



- Red (0%)
- Yellow (18%)
- Blue (46%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004A76 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 004A76 by changing the saturation by 10% instead.

004A76

004A76

FFFFFF

00345D

497AAA

001F45

6594C6

00042F

81AFE2

000119

9DCAFF

000000

B9E6FF

D6FFFF

F3FFFF

004A76

■ 0C4E76

■ 185376

■ 235776

■ 2F5C76

■ 3B6076

■ 476476

■ 536976

■ 5E6D76

■ 6A7276

Harmonies

Analogous

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



00506E



004A76



424171

Triad

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



004A76



723333



20502B

Complementary

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



004A76



762C00

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.



3F4B19



004A76



683B1F

Square

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



004A76



70324B



564414



005243

Rectangle

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



004A76



583B68



564414



2C4F24

Sweetspot

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



004A76



6B8899



00762B



31424D



CCCCCC



4D4D4D

Same Dimension

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



004A76



006099



001076



35383B



004D7A



009DFA

Inverse Universe

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



76004A



990060



766600



3B3538



7A004D



FA009D

Previews

White Background



This preview shows how the Hex color 004A76 looks on a white background.

Color Contrast Check

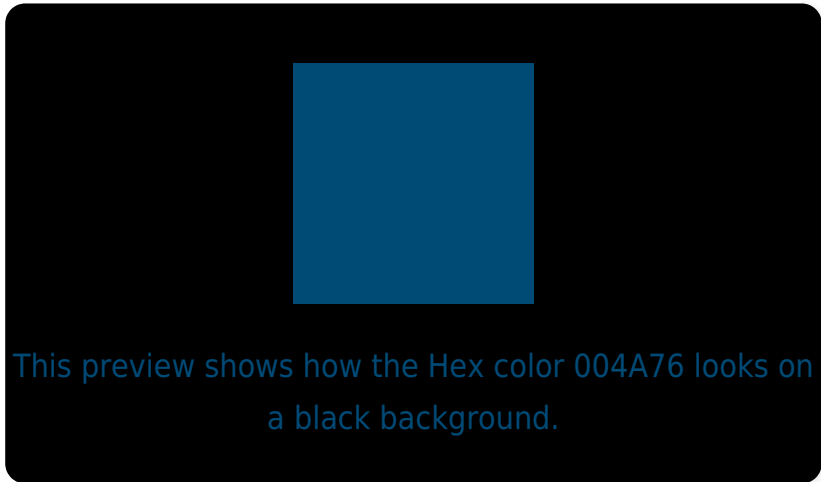
Large Text (above 18pt) WCAG AA ✓ Pass

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

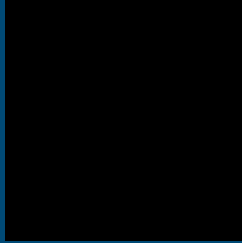
Any Text WCAG AA × Fail

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 004A76 Background



This preview shows how black text looks on a background with the Hex color 004A76.



This preview shows how white text looks on a background with the Hex color 004A76.

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
004A76

Protanopia
364572

Deuteranopia
264777



Tritanopia
004F54

Trichromacy



Original Color
004A76

Protanomaly
224773

Deuteranomaly
184877

Tritanomaly
004D60

Monochromacy



Original Color
004A76

Achromatopsia
393939

Achromatomaly
243F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 004A76 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 #004A76 looks like.

```
.text, #text, p{  
    color:#004A76  
}
```

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 #004A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004A76
}
```

Border

The CSS property to change the border of an element to Hex 004A76 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
#004A76 }
```

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

```
.border{ border-color:#004A76 }
```

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

Here you see how a box with a 4 pixel #004A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004A76; -webkit-box-shadow:4px 4px  
4px 4px #004A76; box-shadow:4px 4px 4px  
4px #004A76 }
```

Background

The CSS property to change the background color of an element to Hex 004A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004A76 }
```

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

```
.background{ background-color:#004A76 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor