

Converting Colors

Hex(004C76)

Have a look what the booklet for
Hex(004C76) contains.

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Color

Hex(004C76)

Conversions

Conversions Part 1

Format	Color
Hex	004C76
RGB	0, 76, 118
RGB Percent	0%, 30%, 46%
CMY	1.0000, 0.7020, 0.5373
CMYK	1.00, 0.36, 0.00, 0.54
HSL	201°, 100%, 23%
HSV	201°, 100%, 46%
XYZ	5.8545, 6.4769, 18.0811
YIQ	58.0640, -58.7780, -3.0500

Conversions

Conversions Part 2

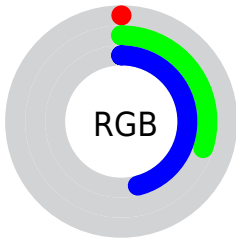
Format	Color
RYB	0, 46, 118
Decimal	19574
CIELab	30.59, -3.33, -29.61
CIElCh	31, 29.799, 263.575
Yxy	6.4769, 0.1925, 0.2130
Android (android.graphics.Color)	4278209654 (0xFF004C76)
YUV	58.0640, 29.5484, -50.9221
Hunter-Lab	25.4497, -3.4749, -24.3087

Details

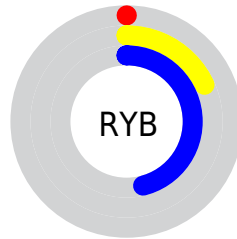
The Hex color **004C76** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **762A00**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **497DAA**, and **002145** is the 20% darker color. If you saturate the color by 10%, you get **004C76**, and if you desaturate by 10%, it is **0C5076**.

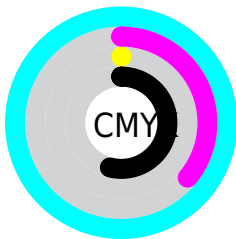
Distribution



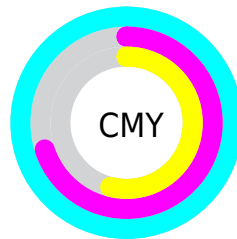
- Red (0%)
- Green (30%)
- Blue (46%)



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



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (70%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004C76 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 004C76 by changing the saturation by 10% instead.

■ 004C76

■ 004C76

FFFFFF

■ 00365D

■ 497DAA

■ 002145

■ 6596C6

■ 00082F

■ 81B1E2

■ 000119

■ 9DCCFF

■ 000000

■ B9E9FF

■ D6FFFF

■ F3FFFF

■ 004C76

■ 0C5076

■ 185476

■ 235976

■ 2F5D76

■ 3B6176

■ 476576

■ 536976

■ 5E6E76

■ 6A7276

Harmonies

Analogous

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



00516D



004C76



414473

Triad

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



004C76



733537



27512B

Complementary

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



004C76



762A00

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.



434C1B



004C76



6A3C23

Square

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



004C76



70344E



5A4518



005342

Rectangle

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



004C76



573E6A



5A4518



315025

Sweetspot

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



004C76



6B8999



007629



31434D



CCCCCC



4D4D4D

Same Dimension

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



004C76



006399



001276



35393B



004F7A



00A1FA

Inverse Universe

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



76004C



990063



766400



3B3539



7A004F



FA00A1

Previews

White Background



This preview shows how the Hex color 004C76 looks on a white background.

Color Contrast Check

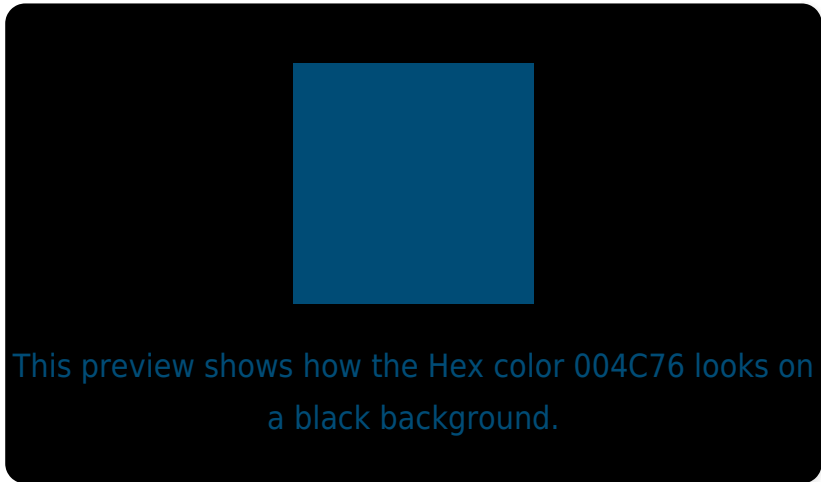
Large Text (above 18pt) WCAG AA ✓ Pass

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

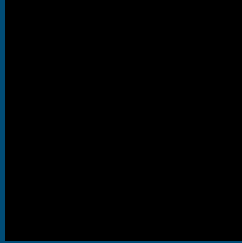
Any Text WCAG AA × Fail

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 004C76 Background



This preview shows how black text looks on a background with the Hex color 004C76.



This preview shows how white text looks on a background with the Hex color 004C76.

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
004C76

Protanopia
384771

Deuteranopia
2B4977

Trichromacy



Original Color
004C76

Protanomaly
244973

Deuteranomaly
1B4A77

Tritanomaly
004F62

Monochromacy



Original Color
004C76

Achromatopsia
3A3A3A

Achromatomaly
254150

CSS Examples

Text

The CSS property to change the color of the text to Hex 004C76 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 #004C76 looks like.

```
.text, #text, p{  
    color:#004C76  
}
```

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 #004C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C76
}
```

Border

The CSS property to change the border of an element to Hex 004C76 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
#004C76 }
```

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

```
.border{ border-color:#004C76 }
```

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

Here you see how a box with a 4 pixel #004C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C76; -webkit-box-shadow:4px 4px  
4px 4px #004C76; box-shadow:4px 4px 4px  
4px #004C76 }
```

Background

The CSS property to change the background color of an element to Hex 004C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C76 }
```

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

```
.background{ background-color:#004C76 }
```

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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