

Converting Colors

Hex(004476)

Have a look what the booklet for
Hex(004476) contains.

Hex(004476)	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(004476)

Conversions

Conversions Part 1

Format	Color
Hex	004476
RGB	0, 68, 118
RGB Percent	0%, 27%, 46%
CMY	1.0000, 0.7333, 0.5373
CMYK	1.00, 0.42, 0.00, 0.54
HSL	205°, 100%, 23%
HSV	205°, 100%, 46%
XYZ	5.3371, 5.4423, 17.9087
YIQ	53.3680, -56.5780, 1.1340

Conversions

Conversions Part 2

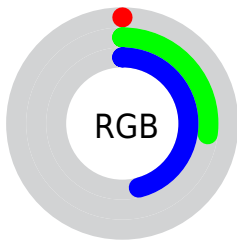
Format	Color
RYB	0, 43, 118
Decimal	17526
CIELab	27.96, 1.99, -33.79
CIELCh	28, 33.846, 273.365
Yxy	5.4423, 0.1860, 0.1897
Android (android.graphics.Color)	4278207606 (0xFF004476)
YUV	53.3680, 31.8636, -46.8037
Hunter-Lab	23.3286, 0.0122, -29.1851

Details

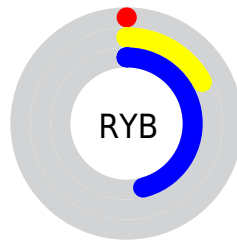
The Hex color **004476** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **763200**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4974AB**, and **001A45** is the 20% darker color. If you saturate the color by 10%, you get **004476**, and if you desaturate by 10%, it is **0C4976**.

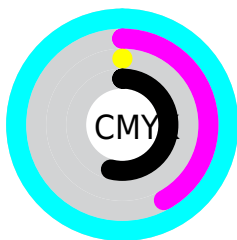
Distribution



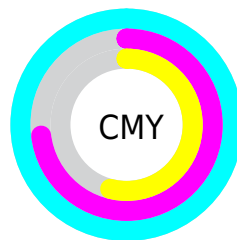
- Red (0%)
- Green (27%)
- Blue (46%)



- Red (0%)
- Yellow (17%)
- Blue (46%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004476 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 004476 by changing the saturation by 10% instead.

004476

004476

FFFFFF

002E5D

4974AB

001A45

658DC6

00042E

81A7E2

000119

9DC3FF

000000

B9DEFF

D6FBFF

F3FFFF

004476

■ 0C4976

■ 184E76

■ 235376

■ 2F5876

■ 3B5D76

■ 476276

■ 536776

■ 5E6C76

■ 6A7176

Harmonies

Analogous

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



004B70



004476



463A6E

Triad

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



004476



6F2E27



024D29

Complementary

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



004476



763200

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.



324913



004476



623812

Square

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



004476



702940



4D4208



004E44

Rectangle

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



004476



5C3261



4D4208



1A4C21

Sweetspot

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



004476



6B8699



007631



31414D



CCCCCC



4D4D4D

Same Dimension

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



004476



005899



000A76



35383B



00477A



0090FA

Inverse Universe

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



760044



990058



766C00



3B3538



7A0047



FA0090

Previews

White Background



This preview shows how the Hex color 004476 looks on a white background.

Color Contrast Check

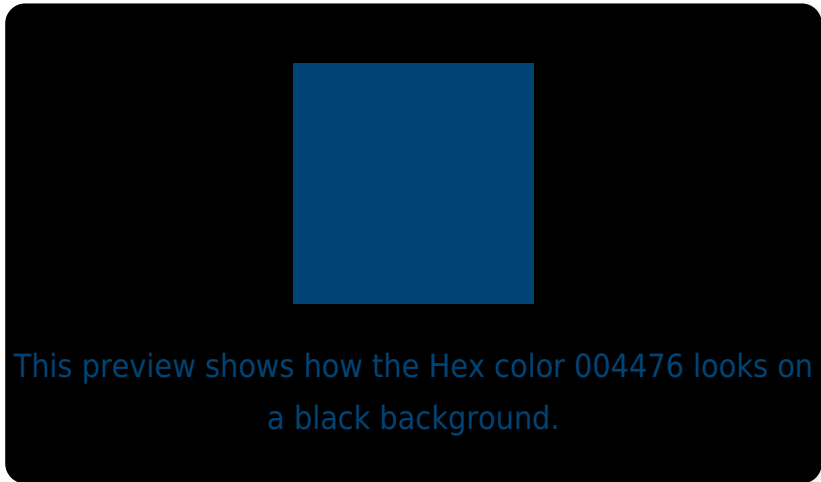
Large Text (above 18pt) WCAG AA ✓ Pass

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 004476 Background



This preview shows how black text looks on a background with the Hex color 004476.



This preview shows how white text looks on a background with the Hex color 004476.

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





Tritanopia
004A4F

Trichromacy



Original Color
004476

Protanomaly
1C4274

Deuteranomaly
0B4376

Tritanomaly
00485D

Monochromacy



Original Color
004476

Achromatopsia
353535

Achromatomaly
223A4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 004476 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 #004476 looks like.

```
.text, #text, p{  
    color:#004476  
}
```

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 #004476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004476
}
```

Border

The CSS property to change the border of an element to Hex 004476 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
#004476 }
```

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

```
.border{ border-color:#004476 }
```

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

Here you see how a box with a 4 pixel #004476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004476; -webkit-box-shadow:4px 4px  
4px 4px #004476; box-shadow:4px 4px 4px  
4px #004476 }
```

Background

The CSS property to change the background color of an element to Hex 004476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004476 }
```

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

```
.background{ background-color:#004476 }
```

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