

Converting Colors

Hex(004170)

Have a look what the booklet for
Hex(004170) contains.

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Color

Hex(004170)

Conversions

Conversions Part 1

Format	Color
Hex	004170
RGB	0, 65, 112
RGB Percent	0%, 25%, 44%
CMY	1.0000, 0.7451, 0.5608
CMYK	1.00, 0.42, 0.00, 0.56
HSL	205°, 100%, 22%
HSV	205°, 100%, 44%
XYZ	4.8149, 4.9504, 16.0310
YIQ	50.9230, -53.8270, 0.8370

Conversions

Conversions Part 2

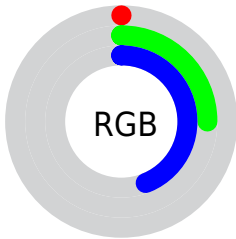
Format	Color
RYB	0, 41, 112
Decimal	16752
CIELab	26.59, 1.42, -32.17
CIELCh	27, 32.203, 272.519
Yxy	4.9504, 0.1867, 0.1919
Android (android.graphics.Color)	4278206832 (0xFF004170)
YUV	50.9230, 30.1110, -44.6595
Hunter-Lab	22.2496, -0.3085, -27.1441

Details

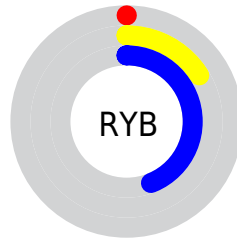
The Hex color **004170** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **702F00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **4770A4**, and **001740** is the 20% darker color. If you saturate the color by 10%, you get **004170**, and if you desaturate by 10%, it is **0B4670**.

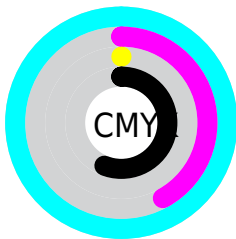
Distribution



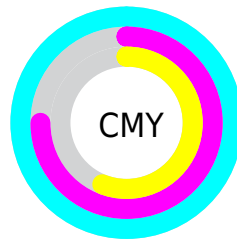
- Red (0%)
- Green (25%)
- Blue (44%)



- Red (0%)
- Yellow (16%)
- Blue (44%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (75%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004170 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 004170 by changing the saturation by 10% instead.

004170

004170

FFFFFF

002B57

4770A4

001740

638ABF

000329

7EA4DB

000113

9ABFF8

000000

B6DBFF

D3F7FF

F0FFFF

004170

■ 0B4670

■ 164A70

■ 224F70

■ 2D5470

■ 385870

■ 435D70

■ 4E6270

■ 5A6770

■ 656B70

Harmonies

Analogous

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



00476A



004170



423768

Triad

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



004170



692C26



074927

Complementary

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



004170



702F00

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.



314512



004170



5D3512

Square

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



004170



6B283E



4A3E08



004B40

Rectangle

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



004170



57305D



4A3E08



1A481F

Sweetspot

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



004170



667F91



00702F



2F3F4A



C9C9C9



4A4A4A

Same Dimension

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



004170



005491



000970



323638



004678



0090F7

Inverse Universe

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



700041



910054



706700



383236



780046



F70090

Previews

White Background



This preview shows how the Hex color 004170 looks on a white background.

Color Contrast Check

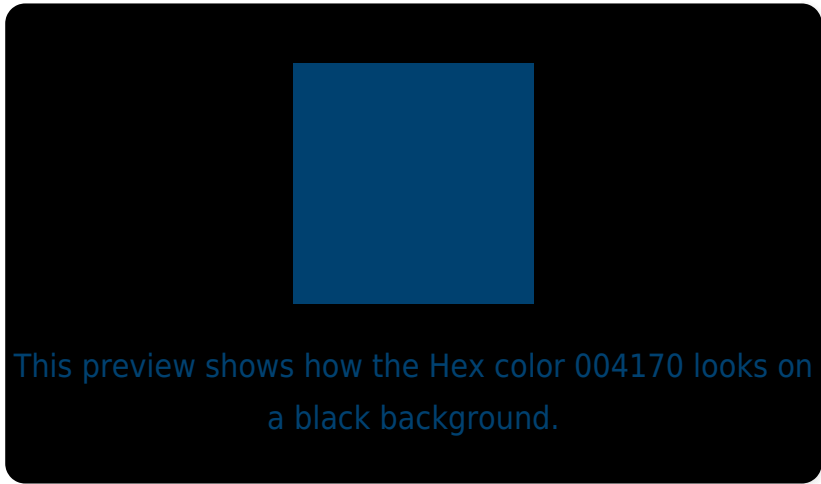
Large Text (above 18pt) WCAG AA ✓ Pass

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

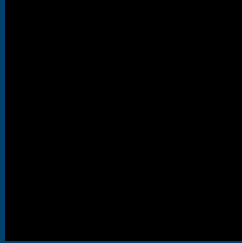
Any Text WCAG AA × Fail

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 004170 Background



This preview shows how black text looks on a background with the Hex color 004170.



This preview shows how white text looks on a background with the Hex color 004170.

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
00464B

Trichromacy



Original Color
004170

Protanomaly
1B3F6E

Deuteranomaly
0C4070

Tritanomaly
004458

Monochromacy



Original Color
004170

Achromatopsia
333333

Achromatomaly
203849

CSS Examples

Text

The CSS property to change the color of the text to Hex 004170 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 #004170 looks like.

```
.text, #text, p{  
    color:#004170  
}
```

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 #004170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004170
}
```

Border

The CSS property to change the border of an element to Hex 004170 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
#004170 }
```

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

```
.border{ border-color:#004170 }
```

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

Here you see how a box with a 4 pixel #004170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004170; -webkit-box-shadow:4px 4px  
4px 4px #004170; box-shadow:4px 4px 4px  
4px #004170 }
```

Background

The CSS property to change the background color of an element to Hex 004170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004170 }
```

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

```
.background{ background-color:#004170 }
```

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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