

Converting Colors

Hex(004D6E)

Have a look what the booklet for
Hex(004D6E) contains.

Hex(004D6E)	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(004D6E)

Conversions

Conversions Part 1

Format	Color
Hex	004D6E
RGB	0, 77, 110
RGB Percent	0%, 30%, 43%
CMY	1.0000, 0.6980, 0.5686
CMYK	1.00, 0.30, 0.00, 0.57
HSL	198°, 100%, 22%
HSV	198°, 100%, 43%
XYZ	5.4683, 6.4335, 15.7054
YIQ	57.7390, -56.4850, -6.0610

Conversions

Conversions Part 2

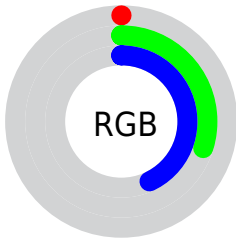
Format	Color
RYB	0, 45, 110
Decimal	19822
CIELab	30.48, -7.33, -24.75
CIELCh	30, 25.810, 253.511
Yxy	6.4335, 0.1981, 0.2330
Android (android.graphics.Color)	4278209902 (0xFF004D6E)
YUV	57.7390, 25.7647, -50.6371
Hunter-Lab	25.3644, -5.9047, -18.9568

Details

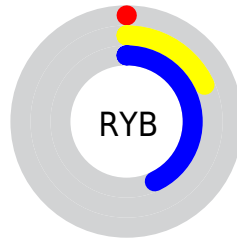
The Hex color **004D6E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6E2100**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **477EA2**, and **00213E** is the 20% darker color. If you saturate the color by 10%, you get **004D6E**, and if you desaturate by 10%, it is **0B506E**.

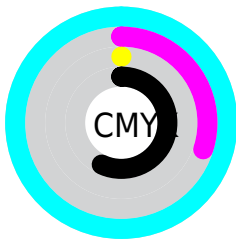
Distribution



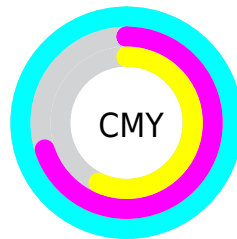
- Red (0%)
- Green (30%)
- Blue (43%)



- Red (0%)
- Yellow (18%)
- Blue (43%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004D6E 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 004D6E by changing the saturation by 10% instead.

004D6E

004D6E

FFFFFF

003655

477EA2

00213E

6398BD

000628

7EB2D9

000112

9ACEF5

000000

B6EAF5

D3FFFF

F0FFFF

004D6E

■ 0B506E

■ 16546E

■ 21576E

■ 2C5A6E

■ 375E6E

■ 42616E

■ 4D646E

■ 58676E

■ 636B6E

Harmonies

Analogous

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



005163



004D6E



37476F

Triad

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



004D6E



6E373F



354E2A

Complementary

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



004D6E



6E2100

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.



4B4A1F



004D6E



6A3C2D

Square

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



004D6E



673954



5D4321



17513C

Rectangle

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



004D6E



4D4269



5D4321



3D4D25

Sweetspot

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



004D6E



64828F



006E21



2E4047



C7C7C7



474747

Same Dimension

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



004D6E



00648F



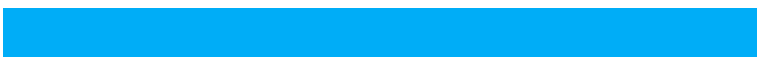
00166E



323638



005478



00ADF7

Inverse Universe

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



6E004D



8F0064



6E5800



383236



780054



F700AD

Previews

White Background



This preview shows how the Hex color 004D6E looks on a white background.

Color Contrast Check

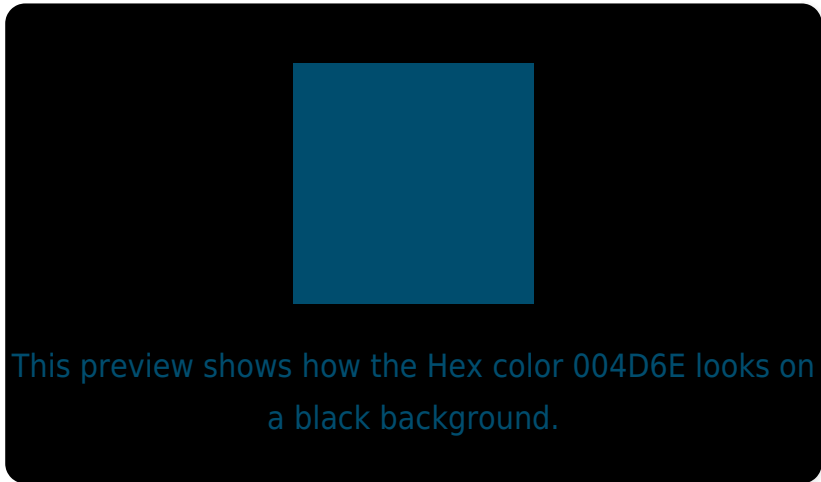
Large Text (above 18pt) WCAG AA ✓ Pass

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

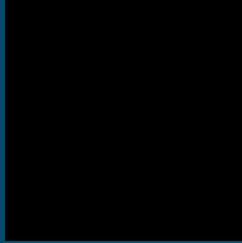
Any Text WCAG AA × Fail

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 004D6E Background



This preview shows how black text looks on a background with the Hex color 004D6E.

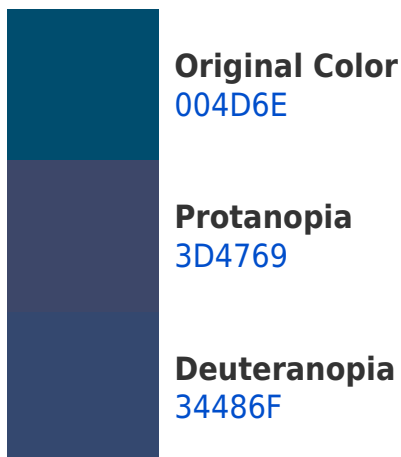


This preview shows how white text looks on a background with the Hex color 004D6E.

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



Trichromacy



Original Color
004D6E

Protanomaly
27496B

Deuteranomaly
214A6F

Tritanomaly
004F5F

Monochromacy



Original Color
004D6E

Achromatopsia
3A3A3A

Achromatomaly
25414D

CSS Examples

Text

The CSS property to change the color of the text to Hex 004D6E 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 #004D6E looks like.

```
.text, #text, p{  
  color:#004D6E  
}
```

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 #004D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004D6E
}
```

Border

The CSS property to change the border of an element to Hex 004D6E 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
#004D6E }
```

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

```
.border{ border-color:#004D6E }
```

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

Here you see how a box with a 4 pixel #004D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004D6E; -webkit-box-shadow:4px 4px  
4px 4px #004D6E; box-shadow:4px 4px 4px  
4px #004D6E }
```

Background

The CSS property to change the background color of an element to Hex 004D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004D6E }
```

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

```
.background{ background-color:#004D6E }
```

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