

Converting Colors

Hex(004E82)

Have a look what the booklet for
Hex(004E82) contains.

Hex(004E82)	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(004E82)

Conversions

Conversions Part 1

Format	Color
Hex	004E82
RGB	0, 78, 130
RGB Percent	0%, 31%, 51%
CMY	1.0000, 0.6941, 0.4902
CMYK	1.00, 0.40, 0.00, 0.49
HSL	204°, 100%, 25%
HSV	204°, 100%, 51%
XYZ	6.7537, 7.0605, 22.1259
YIQ	60.6060, -63.1800, -0.3640

Conversions

Conversions Part 2

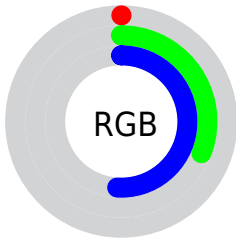
Format	Color
RYB	0, 49, 130
Decimal	20098
CIELab	31.94, 0.44, -34.92
CIELCh	32, 34.923, 270.721
Yxy	7.0605, 0.1879, 0.1965
Android (android.graphics.Color)	4278210178 (0xFF004E82)
YUV	60.6060, 34.2112, -53.1515
Hunter-Lab	26.5716, -1.1312, -30.7702

Details

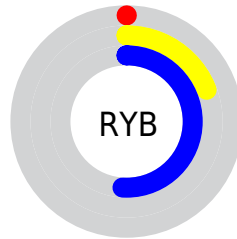
The Hex color **004E82** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **823400**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4D7FB7**, and **002350** is the 20% darker color. If you saturate the color by 10%, you get **004E82**, and if you desaturate by 10%, it is **0D5382**.

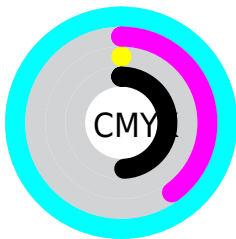
Distribution



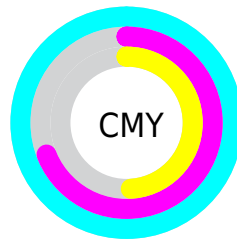
- Red (0%)
- Green (31%)
- Blue (51%)



- Red (0%)
- Yellow (19%)
- Blue (51%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004E82 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 004E82 by changing the saturation by 10% instead.

004E82

004E82

FFFFFF

003769

4D7FB7

002350

6998D3

000C39

85B3F0

000223

A2CFFF

000009

BEEBFF

000000

DCFFFF

F9FFFF

004E82

■ 0D5382

■ 1A5882

■ 275E82

■ 346382

■ 416882

■ 4E6D82

■ 5B7282

■ 687882

■ 757D82

Harmonies

Analogous

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



00557B



004E82



4C447A

Triad

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



004E82



7B3631



14562F

Complementary

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



004E82



823400

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.



3E5219



004E82



6F401B

Square

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



004E82



7C324C



594A0F



00584B

Rectangle

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



004E82



643C6E



594A0F



265527

Sweetspot

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



004E82



7694A8



008234



364854



D4D4D4



545454

Same Dimension

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



004E82



0065A8



000D82



393D40



004D80



000000

Inverse Universe

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



82004E



A80065



827500



40393D



80004C



000000

Previews

White Background



This preview shows how the Hex color 004E82 looks on a white background.

Color Contrast Check

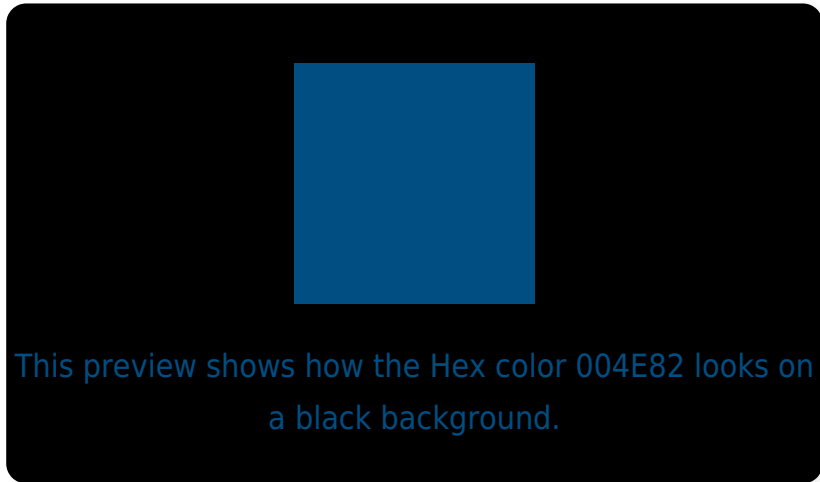
Large Text (above 18pt) WCAG AA ✓ Pass

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

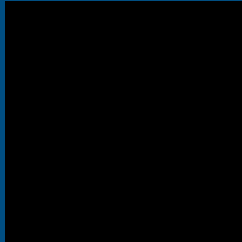
Any Text WCAG AA × Fail

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 004E82 Background



This preview shows how black text looks on a background with the Hex color 004E82.




This preview shows how white text looks on a background with the Hex color 004E82.

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
00545A

Trichromacy



Original Color
004E82

Protanomaly
224B7F

Deuteranomaly
144D82

Tritanomaly
005269

Monochromacy



Original Color
004E82

Achromatopsia
3D3D3D

Achromatomaly
274356

CSS Examples

Text

The CSS property to change the color of the text to Hex 004E82 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 #004E82 looks like.

```
.text, #text, p{  
    color:#004E82  
}
```

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 #004E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E82
}
```

Border

The CSS property to change the border of an element to Hex 004E82 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
#004E82 }
```

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

```
.border{ border-color:#004E82 }
```

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

Here you see how a box with a 4 pixel #004E82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E82; -webkit-box-shadow:4px 4px  
4px 4px #004E82; box-shadow:4px 4px 4px  
4px #004E82 }
```

Background

The CSS property to change the background color of an element to Hex 004E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E82 }
```

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

```
.background{ background-color:#004E82 }
```

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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