

Converting Colors

Hex(004D87)

Have a look what the booklet for
Hex(004D87) contains.

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Color

Hex(004D87)

Conversions

Conversions Part 1

Format	Color
Hex	004D87
RGB	0, 77, 135
RGB Percent	0%, 30%, 53%
CMY	1.0000, 0.6980, 0.4706
CMYK	1.00, 0.43, 0.00, 0.47
HSL	206°, 100%, 26%
HSV	206°, 100%, 53%
XYZ	7.0271, 7.0570, 23.9134
YIQ	60.5890, -64.5100, 1.7140

Conversions

Conversions Part 2

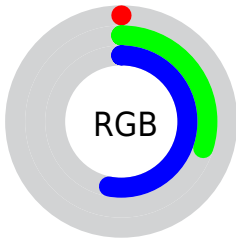
Format	Color
RYB	0, 49, 135
Decimal	19847
CIELab	31.94, 3.23, -38.02
CIELCh	32, 38.156, 274.857
Yxy	7.0570, 0.1849, 0.1857
Android (android.graphics.Color)	4278209927 (0xFF004D87)
YUV	60.5890, 36.6846, -53.1366
Hunter-Lab	26.5651, 0.7284, -34.7764

Details

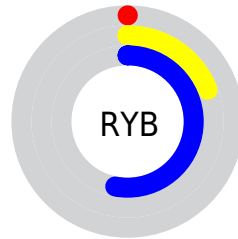
The Hex color **004D87** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **873A00**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4F7DBD**, and **002255** is the 20% darker color. If you saturate the color by 10%, you get **004D87**, and if you desaturate by 10%, it is **0D5387**.

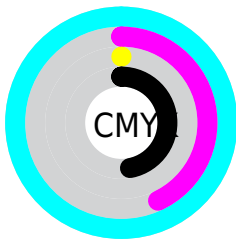
Distribution



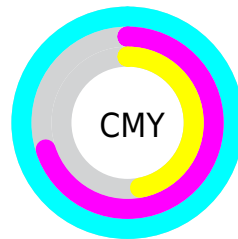
- Red (0%)
- Green (30%)
- Blue (53%)



- Red (0%)
- Yellow (19%)
- Blue (53%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (70%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004D87 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 004D87 by changing the saturation by 10% instead.

■ 004D87

■ 004D87

FFFFFF

■ 00376D

■ 4F7DBD

■ 002255

■ 6B97D9

■ 000A3D

■ 87B2F5

■ 000327

■ A4CDFF

■ 000110

■ C1E9FF

■ 000000

■ DEFFFF

■ FFFFFFFF

■ 004D87

■ 0D5387

■ 1B5987

■ 295E87

■ 366487

■ 446A87

■ 517087

■ 5E7687

■ 6C7B87

■ 7A8187

Harmonies

Analogous

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



005581



004D87



52417D

Triad

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



004D87



7E342B



005830

Complementary

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



004D87



873A00

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.



375315



004D87



6E4013

Square

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



004D87



812E47



564B06



00594F

Rectangle

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



004D87



6A386E



564B06



185627

Sweetspot

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



004D87



7B99B0



008738



394B59



D9D9D9



595959

Same Dimension

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



004D87



0064B0



000B87



3C3F42



004A82



000103

Inverse Universe

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



87004D



B00064



877C00



423C3F



82004A



030001

Previews

White Background



This preview shows how the Hex color 004D87 looks on a white background.

Color Contrast Check

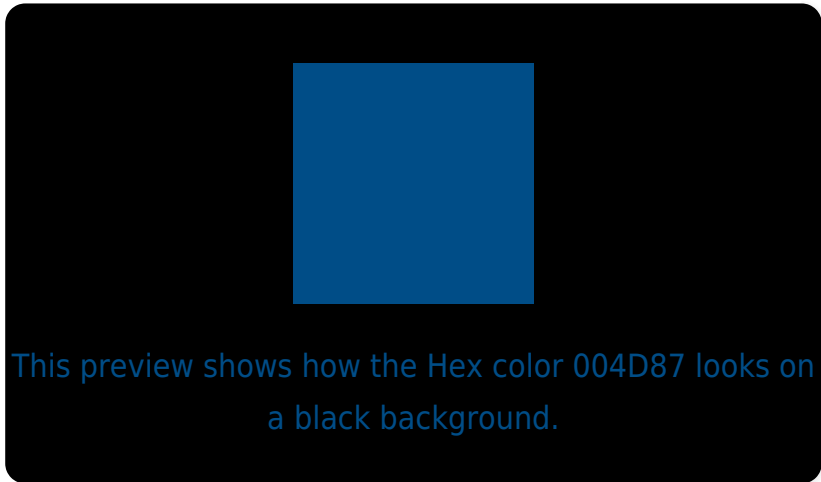
Large Text (above 18pt) WCAG AA ✓ Pass

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 004D87 Background



This preview shows how black text looks on a background with the Hex color 004D87.




This preview shows how white text looks on a background with the Hex color 004D87.

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
004D87

Protanomaly
1F4A85

Deuteranomaly
0A4D87

Tritanomaly
00516A

Monochromacy



Original Color
004D87

Achromatopsia
3D3D3D

Achromatomaly
274358

CSS Examples

Text

The CSS property to change the color of the text to Hex 004D87 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 #004D87 looks like.

```
.text, #text, p{  
    color:#004D87  
}
```

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 #004D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004D87
}
```

Border

The CSS property to change the border of an element to Hex 004D87 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
#004D87 }
```

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

```
.border{ border-color:#004D87 }
```

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

Here you see how a box with a 4 pixel #004D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004D87; -webkit-box-shadow:4px 4px  
4px 4px #004D87; box-shadow:4px 4px 4px  
4px #004D87 }
```

Background

The CSS property to change the background color of an element to Hex 004D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004D87 }
```

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

```
.background{ background-color:#004D87 }
```

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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