

Converting Colors

Hex(004184)

Have a look what the booklet for
Hex(004184) contains.

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Color

Hex(004184)

Conversions

Conversions Part 1

Format	Color
Hex	004184
RGB	0, 65, 132
RGB Percent	0%, 25%, 52%
CMY	1.0000, 0.7451, 0.4824
CMYK	1.00, 0.51, 0.00, 0.48
HSL	210°, 100%, 26%
HSV	210°, 100%, 52%
XYZ	6.0552, 5.4465, 22.5619
YIQ	53.2030, -60.2470, 7.0570

Conversions

Conversions Part 2

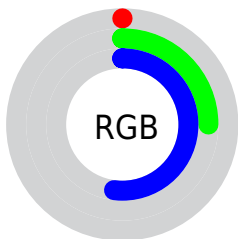
Format	Color
R_{YB}	0, 44, 132
Decimal	16772
CIE _{Lab}	27.97, 10.16, -42.54
CIE _{LCh}	28, 43.736, 283.439
Yxy	5.4465, 0.1778, 0.1599
Android (android.graphics.Color)	4278206852 (0xFF004184)
YUV	53.2030, 38.8469, -46.6590
Hunter-Lab	23.3378, 5.4719, -40.9824

Details

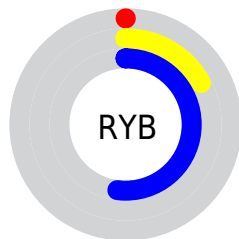
The Hex color **004184** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **844300**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4E70BA**, and **001852** is the 20% darker color. If you saturate the color by 10%, you get **004184**, and if you desaturate by 10%, it is **0D4884**.

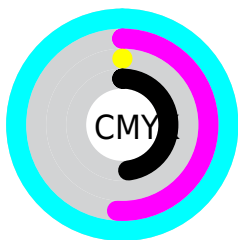
Distribution



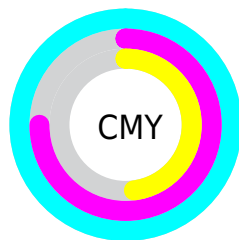
- Red (0%)
- Green (25%)
- Blue (52%)



- Red (0%)
- Yellow (17%)
- Blue (52%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (75%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004184 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 004184 by changing the saturation by 10% instead.

004184

004184

FFFFFF

002B6A

4E70BA

001852

6A89D6

00043A

87A4F2

000224

A3BFFF

00000B

C0DAFF

000000

DDF7FF

FAFFFF

004184

■ 0D4884

■ 1A4E84

■ 285584

■ 355C84

■ 426284

■ 4F6984

■ 5C7084

■ 6A7784

■ 777D84

Harmonies

Analogous

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



004B83



004184



563173

Triad

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



004184



752A15



00502E

Complementary

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



004184



844300

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.



1A4C0A



004184



603A00

Square

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



004184



7D1C34



434500



005151

Rectangle

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



004184



6D2661



434500



004F22

Sweetspot

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



004184



7891AB



008442



374757



D6D6D6



575757

Same Dimension

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



004184



0054AB



000084



3C3F42



004082



000103

Inverse Universe

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



840041



AB0054



848400



423C3F



820040



030001

Previews

White Background



This preview shows how the Hex color 004184 looks on a white background.

Color Contrast Check

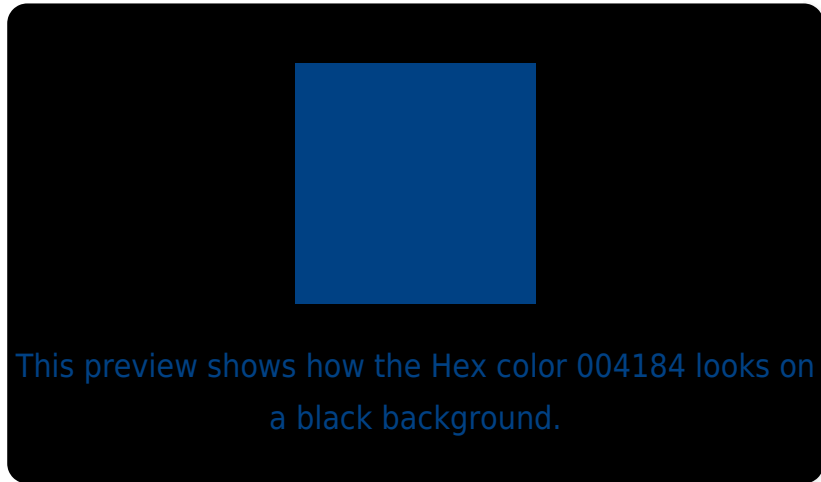
Large Text (above 18pt) WCAG AA ✓ Pass

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

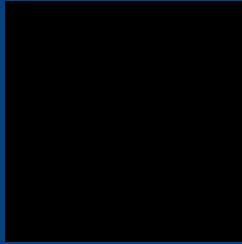
Any Text WCAG AA × Fail

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 004184 Background



This preview shows how black text looks on a background with the Hex color 004184.



This preview shows how white text looks on a background with the Hex color 004184.

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
004184

Protanomaly
0F4083

Deuteranomaly
00437B

Tritanomaly
004762

Monochromacy



Original Color
004184

Achromatopsia
353535

Achromatomaly
223952

CSS Examples

Text

The CSS property to change the color of the text to Hex 004184 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 #004184 looks like.

```
.text, #text, p{  
    color:#004184  
}
```

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 #004184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004184
}
```

Border

The CSS property to change the border of an element to Hex 004184 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
#004184 }
```

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

```
.border{ border-color:#004184 }
```

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

Here you see how a box with a 4 pixel #004184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004184; -webkit-box-shadow:4px 4px  
4px 4px #004184; box-shadow:4px 4px 4px  
4px #004184 }
```

Background

The CSS property to change the background color of an element to Hex 004184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004184 }
```

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

```
.background{ background-color:#004184 }
```

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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