

Converting Colors

Hex(004188)

Have a look what the booklet for
Hex(004188) contains.

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Color

Hex(004188)

Conversions

Conversions Part 1

Format	Color
Hex	004188
RGB	0, 65, 136
RGB Percent	0%, 25%, 53%
CMY	1.0000, 0.7451, 0.4667
CMYK	1.00, 0.52, 0.00, 0.47
HSL	211°, 100%, 27%
HSV	211°, 100%, 53%
XYZ	6.3342, 5.5582, 24.0315
YIQ	53.6590, -61.5310, 8.3010

Conversions

Conversions Part 2

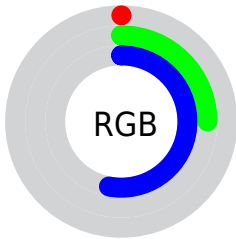
Format	Color
RYB	0, 44, 136
Decimal	16776
CIELab	28.27, 11.90, -44.54
CIElCh	28, 46.102, 284.959
Yxy	5.5582, 0.1763, 0.1547
Android (android.graphics.Color)	4278206856 (0xFF004188)
YUV	53.6590, 40.5941, -47.0589
Hunter-Lab	23.5758, 6.7010, -43.9332

Details

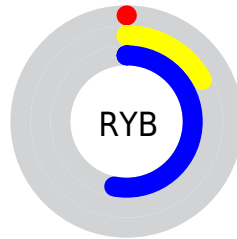
The Hex color **004188** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **884700**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4F70BE**, and **001855** is the 20% darker color. If you saturate the color by 10%, you get **004188**, and if you desaturate by 10%, it is **0E4888**.

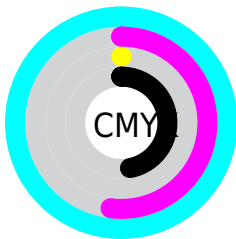
Distribution



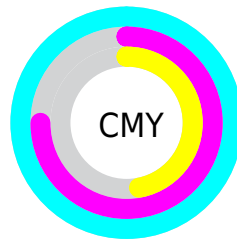
- Red (0%)
- Green (25%)
- Blue (53%)



- Red (0%)
- Yellow (17%)
- Blue (53%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (75%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004188 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 004188 by changing the saturation by 10% instead.

004188

004188

FFFFFF

002C6E

4F70BE

001855

6C89DA

00033E

88A4F7

000327

A5BEFF

000110

C2DAFF

000000

DFF7FF

FDFFFF

004188

■ 0E4888

■ 1B4F88

■ 295688

■ 365D88

■ 446488

■ 526C88

■ 5F7388

■ 6D7A88

■ 7A8188

Harmonies

Analogous

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



004C88



004188



5A3075

Triad

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



004188



772911



00512F

Complementary

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



004188



884700

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.



134E08



004188



613A00

Square

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



004188



801933



424700



005254

Rectangle

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



004188



712361



424700



005023

Sweetspot

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



004188



7B94B0



008846



394859



D9D9D9



595959

Same Dimension

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



004188



0054B0



020088



3E4145



003F85



000205

Inverse Universe

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



880041



B00054



868800



453E41



85003F



050002

Previews

White Background



This preview shows how the Hex color 004188 looks on a white background.

Color Contrast Check

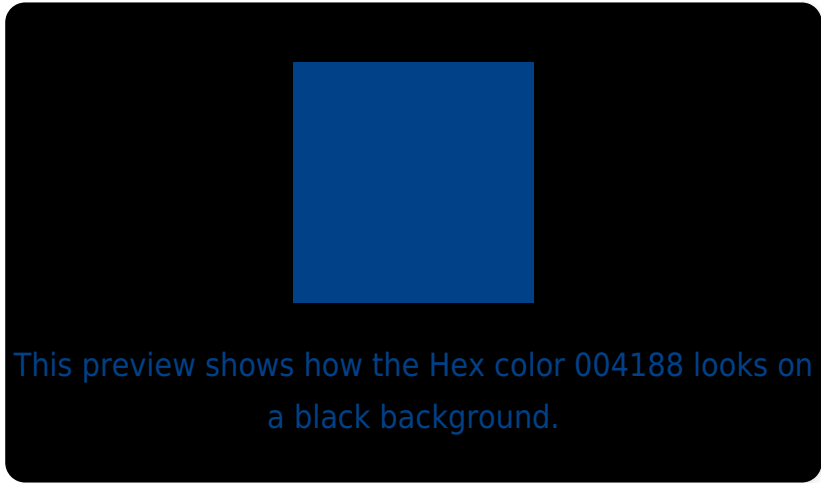
Large Text (above 18pt) WCAG AA ✓ Pass

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

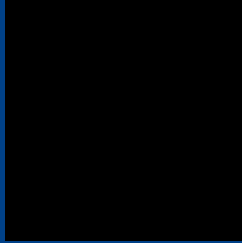
Any Text WCAG AA × Fail

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 004188 Background



This preview shows how black text looks on a background with the Hex color 004188.

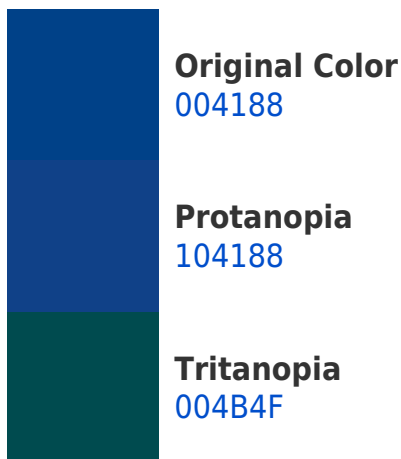


This preview shows how white text looks on a background with the Hex color 004188.

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
004188

Protanomaly
0A4188

Tritanomaly
004764

Monochromacy



Original Color
004188

Achromatopsia
363636

Achromatomaly
223A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 004188 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 #004188 looks like.

```
.text, #text, p{  
    color:#004188  
}
```

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 #004188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004188
}
```

Border

The CSS property to change the border of an element to Hex 004188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

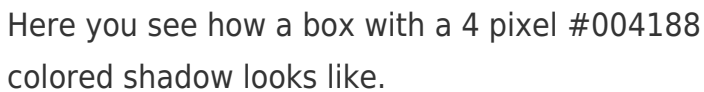
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004188 }
```

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

```
.border{ border-color:#004188 }
```

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



Here you see how a box with a 4 pixel #004188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004188; -webkit-box-shadow:4px 4px  
4px 4px #004188; box-shadow:4px 4px 4px  
4px #004188 }
```

Background

The CSS property to change the background color of an element to Hex 004188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004188 }
```

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

```
.background{ background-color:#004188 }
```

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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