

Converting Colors

Hex(074188)

Have a look what the booklet for
Hex(074188) contains.

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Color

Hex(074188)

Conversions

Conversions Part 1

Format	Color
Hex	074188
RGB	7, 65, 136
RGB Percent	3%, 25%, 53%
CMY	0.9725, 0.7451, 0.4667
CMYK	0.95, 0.52, 0.00, 0.47
HSL	213°, 90%, 28%
HSV	213°, 95%, 53%
XYZ	6.4219, 5.6033, 24.0356
YIQ	55.7520, -57.3590, 9.7850

Conversions

Conversions Part 2

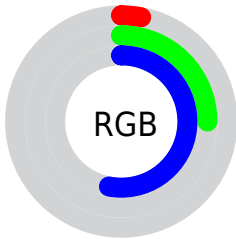
Format	Color
RYB	7, 47, 136
Decimal	475528
CIELab	28.39, 12.32, -44.34
CIELCh	28, 46.019, 285.523
Yxy	5.6033, 0.1781, 0.1554
Android (android.graphics.Color)	4278665608 (0xFF074188)
YUV	55.7520, 39.5623, -42.7555
Hunter-Lab	23.6714, 7.0007, -43.6324

Details

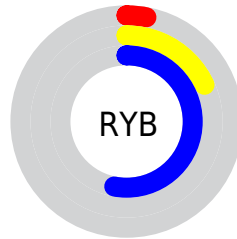
The Hex color **074188** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **884E07**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5170BE**, and **001855** is the 20% darker color. If you saturate the color by 10%, you get **003D88**, and if you desaturate by 10%, it is **154888**.

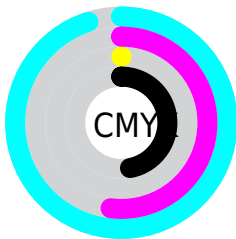
Distribution



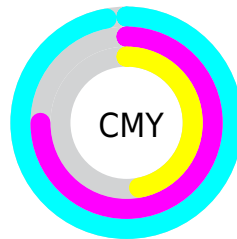
- Red (3%)
- Green (25%)
- Blue (53%)



- Red (3%)
- Yellow (18%)
- Blue (53%)



- Cyan (95%)
- Magenta (52%)
- Yellow (0%)
- Black (47%)



- Cyan (97%)
- Magenta (75%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 074188 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 074188 by changing the saturation by 10% instead.

074188

074188

FFFFFF

002C6E

5170BE

001855

6E89DA

00023E

8AA4F7

000327

A7BFFF

000110

C3DAFF

000000

E1F7FF

FEFFFF

074188

074188

■ 003D88

■ 154888

■ 225088

■ 305788

■ 3D5F88

■ 4B6688

■ 596E88

■ 667588

■ 747D88

■ 818488

Harmonies

Analogous

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



004C88



074188



5B3075

Triad

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



074188



772A10



005230

Complementary

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



074188



884E07

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.



124E09



074188



603B00

Square

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



074188



811A32



414700



005355

Rectangle

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



074188



722361



414700



005124

Sweetspot

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



074188



7F95B0



07884E



3B4959



D9D9D9



595959

Same Dimension

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



074188



004FB0



0D0788



3E4145



003C85



000205

Inverse Universe

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



880741



B0004F



828807



453E41



85003C



050002

Previews

White Background



This preview shows how the Hex color 074188 looks on a white background.

Color Contrast Check

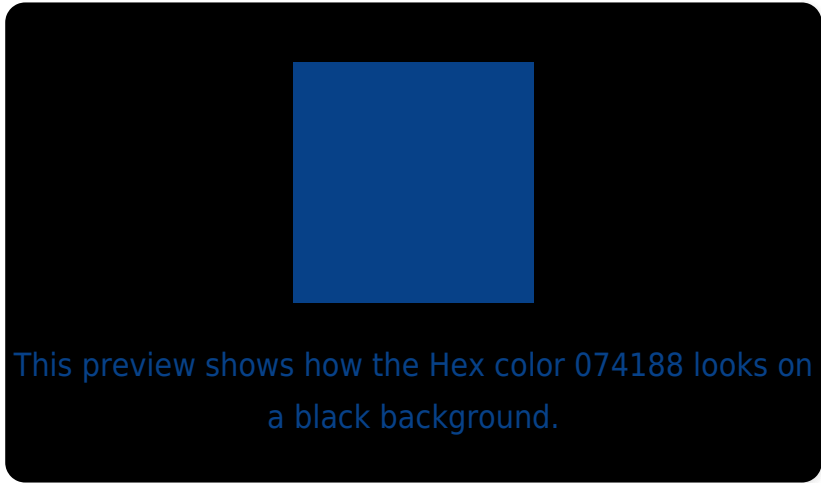
Large Text (above 18pt) WCAG AA ✓ Pass

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

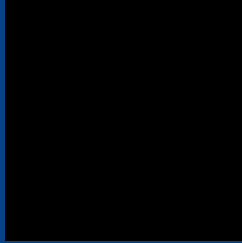
Any Text WCAG AA × Fail

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 074188 Background



This preview shows how black text looks on a background with the Hex color 074188.



This preview shows how white text looks on a background with the Hex color 074188.

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



Original Color
074188

Protanopia
104188

Deuteranopia
004577



Tritanopia
004B4F

Trichromacy



Original Color
074188

Protanomaly
0D4188

Deuteranomaly
03447D

Tritanomaly
034764

Monochromacy



Original Color
074188

Achromatopsia
383838

Achromatomaly
263B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 074188 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 #074188 looks like.

```
.text, #text, p{  
    color:#074188  
}
```

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 #074188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #074188
}
```

Border

The CSS property to change the border of an element to Hex 074188 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
#074188 }
```

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

```
.border{ border-color:#074188 }
```

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

Here you see how a box with a 4 pixel #074188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #074188; -webkit-box-shadow:4px 4px  
4px 4px #074188; box-shadow:4px 4px 4px  
4px #074188 }
```

Background

The CSS property to change the background color of an element to Hex 074188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#074188 }
```

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

```
.background{ background-color:#074188 }
```

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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