

Converting Colors

Hex(0075A6)

Have a look what the booklet for
Hex(0075A6) contains.

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Color

Hex(0075A6)

Conversions

Conversions Part 1

Format	Color
Hex	0075A6
RGB	0, 117, 166
RGB Percent	0%, 46%, 65%
CMY	1.0000, 0.5412, 0.3490
CMYK	1.00, 0.30, 0.00, 0.35
HSL	198°, 100%, 33%
HSV	198°, 100%, 65%
XYZ	13.2442, 15.4758, 38.3655
YIQ	87.6030, -85.4610, -9.5650

Conversions

Conversions Part 2

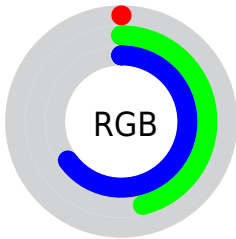
Format	Color
RYB	0, 69, 166
Decimal	30118
CIELab	46.28, -9.23, -33.88
CIElCh	46, 35.117, 254.769
Yxy	15.4758, 0.1974, 0.2307
Android (android.graphics.Color)	4278220198 (0xFF0075A6)
YUV	87.6030, 38.6497, -76.8278
Hunter-Lab	39.3392, -8.7486, -30.2849

Details

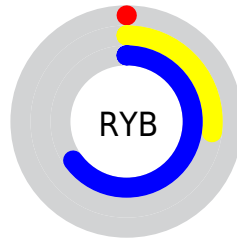
The Hex color **0075A6** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A63100**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **58A9DD**, and **004572** is the 20% darker color. If you saturate the color by 10%, you get **0075A6**, and if you desaturate by 10%, it is **117AA6**.

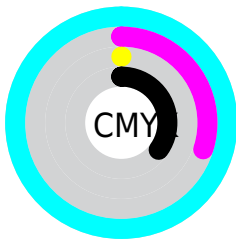
Distribution



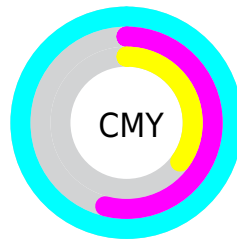
- Red (0%)
- Green (46%)
- Blue (65%)



- Red (0%)
- Yellow (27%)
- Blue (65%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (54%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0075A6 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 0075A6 by changing the saturation by 10% instead.

 0075A6

 0075A6

FFFFFF

 005C8B

 58A9DD

 004572

 77C4FA

 002F59

 94E0FF

 001B41

 B2FDFF

 00032B


 CFFFFFF

 000115

 EDFFFF

 000000

 0075A6

 117AA6

■ 217FA6

■ 3284A6

■ 4289A6

■ 538DA6

■ 6492A6

■ 7497A6

■ 859CA6

■ 95A1A6

Harmonies

Analogous

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



007B96



0075A6



586CA6

Triad

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



0075A6



A65660



507842

Complementary

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



0075A6



A63100

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.



717133



0075A6



9F5C45

Square

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



0075A6



9D577E



8C6734



227C5D

Rectangle

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



0075A6



76649E



8C6734



5C763C

Sweetspot

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



0075A6



98C6D9



00A62F



46626E



EDEDED



6E6E6E

Same Dimension

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



0075A6



0099D9



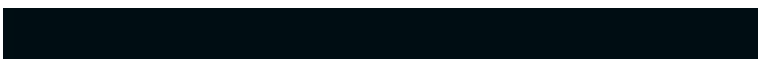
0024A6



4C5254



006894



000E14

Inverse Universe

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



A60075



D90099



A68200



544C52



940068



14000E

Previews

White Background



This preview shows how the Hex color 0075A6 looks on a white background.

Color Contrast Check

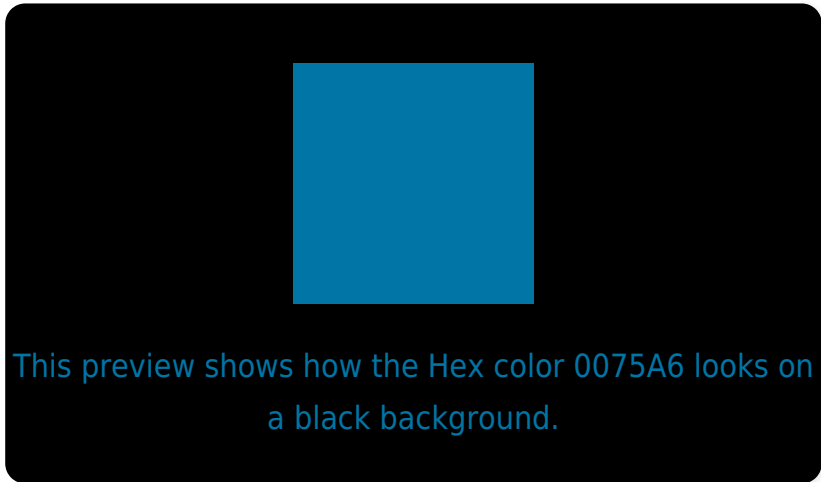
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

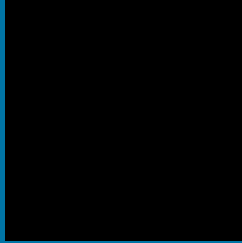
Any Text WCAG AA × Fail

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 0075A6 Background



This preview shows how black text looks on a background with the Hex color 0075A6.

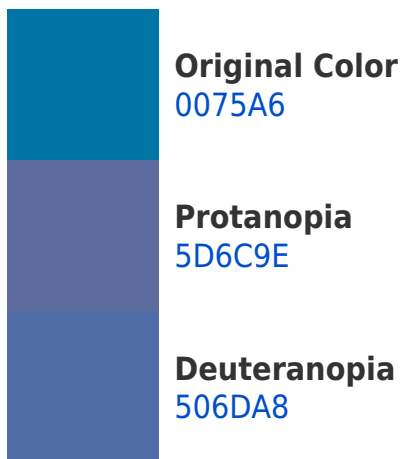


This preview shows how white text looks on a background with the Hex color 0075A6.

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](#).

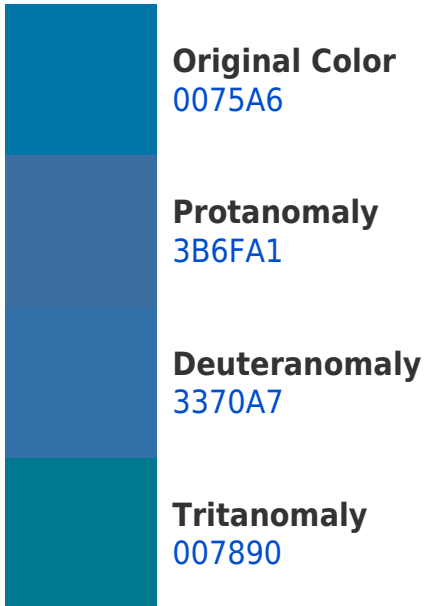
Dichromacy





Tritanopia
007A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0075A6 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 #0075A6 looks like.

```
.text, #text, p{  
    color:#0075A6  
}
```

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 #0075A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0075A6
}
```

Border

The CSS property to change the border of an element to Hex 0075A6 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
#0075A6 }
```

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

```
.border{ border-color:#0075A6 }
```

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

Here you see how a box with a 4 pixel #0075A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0075A6; -webkit-box-shadow:4px 4px  
4px 4px #0075A6; box-shadow:4px 4px 4px  
4px #0075A6 }
```

Background

The CSS property to change the background color of an element to Hex 0075A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0075A6 }
```

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

```
.background{ background-color:#0075A6 }
```

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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