

Converting Colors

Hex(0075AE)

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

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Color

Hex(0075AE)

Conversions

Conversions Part 1

Format	Color
Hex	0075AE
RGB	0, 117, 174
RGB Percent	0%, 46%, 68%
CMY	1.0000, 0.5412, 0.3176
CMYK	1.00, 0.33, 0.00, 0.32
HSL	200°, 100%, 34%
HSV	200°, 100%, 68%
XYZ	14.0013, 15.7786, 42.3520
YIQ	88.5150, -88.0290, -7.0770

Conversions

Conversions Part 2

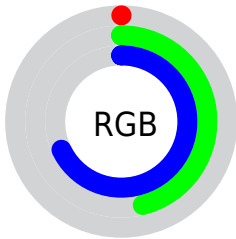
Format	Color
RYB	0, 70, 174
Decimal	30126
CIELab	46.68, -6.12, -37.92
CIELCh	47, 38.411, 260.836
Yxy	15.7786, 0.1941, 0.2187
Android (android.graphics.Color)	4278220206 (0xFF0075AE)
YUV	88.5150, 42.1441, -77.6277
Hunter-Lab	39.7223, -6.5964, -35.4097

Details

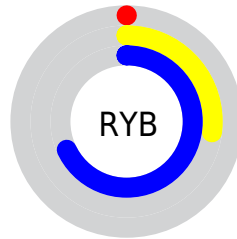
The Hex color **0075AE** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AE3900**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5AA9E6**, and **004579** is the 20% darker color. If you saturate the color by 10%, you get **0075AE**, and if you desaturate by 10%, it is **117BAE**.

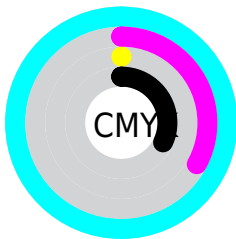
Distribution



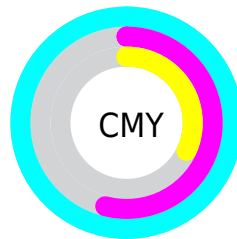
- Red (0%)
- Green (46%)
- Blue (68%)



- Red (0%)
- Yellow (27%)
- Blue (68%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (54%)
- Yellow (32%)

Brightness & Saturation Gradients

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

0075AE

0075AE

FFFFFF

005D93

5AA9E6

004579

79C4FF

002F60

97E0FF

001B48

B5FCFF

000431

D2FFFF

00011B

F0FFFF

000000

0075AE

117BAE

■ 2380AE

■ 3486AE

■ 468CAE

■ 5792AE

■ 6897AE

■ 7A9DAE

■ 8BA3AE

■ 9DA8AE

Harmonies

Analogous

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



007CA0



0075AE



616AAB

Triad

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



0075AE



AB5459



457B44

Complementary

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



0075AE



AE3900

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.



6B7430



0075AE



A05D3E

Square

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



0075AE



A5547A



8A692D



007E63

Rectangle

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



0075AE



8061A0



8A692D



53793C

Sweetspot

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



0075AE



9FCDE3



00AE37



496573



F2F2F2



737373

Same Dimension

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



0075AE



0099E3



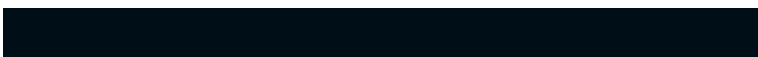
0020AE



4E5457



006596



000F17

Inverse Universe

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



AE0075



E30099



AE8E00



574E54



960065



17000F

Previews

White Background



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

Color Contrast Check

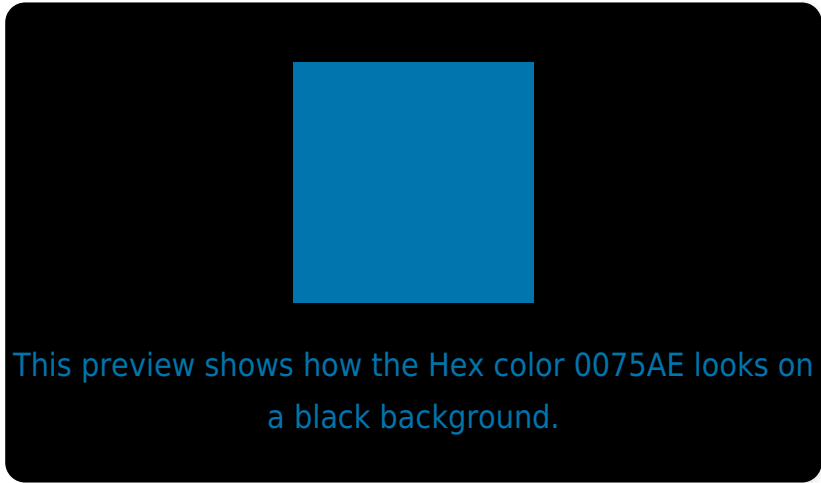
Large Text (above 18pt) WCAG AA ✓ Pass

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

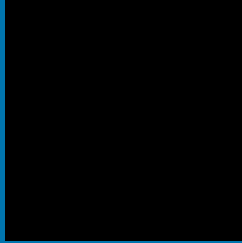
Any Text WCAG AA × Fail

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 0075AE Background



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

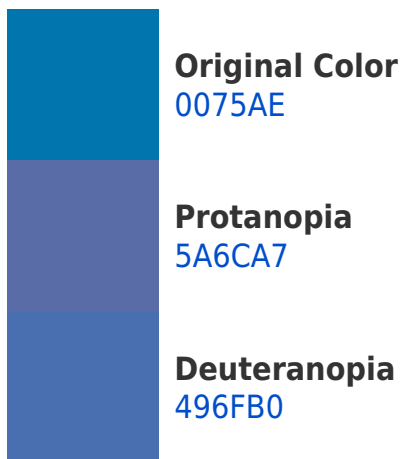


This preview shows how white text looks on a background with the Hex color 0075AE.

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](#).

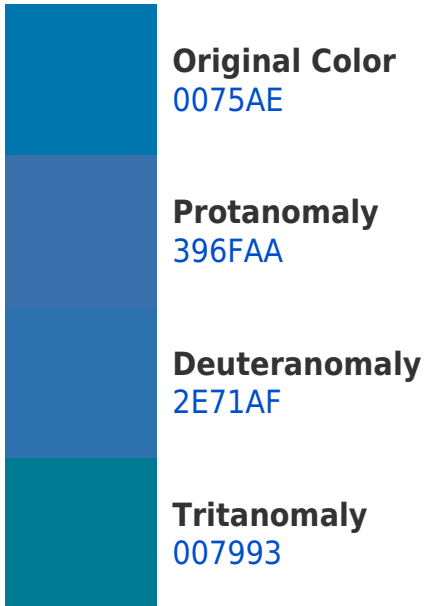
Dichromacy





Tritanopia
007B84

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0075AE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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