

Converting Colors

Hex(075AC6)

Have a look what the booklet for
Hex(075AC6) contains.

Hex(075AC6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(075AC6)

Conversions

Conversions Part 1

Format	Color
Hex	075AC6
RGB	7, 90, 198
RGB Percent	3%, 35%, 78%
CMY	0.9725, 0.6471, 0.2235
CMYK	0.96, 0.55, 0.00, 0.22
HSL	214°, 93%, 40%
HSV	214°, 96%, 78%
XYZ	13.9368, 11.4347, 54.8987
YIQ	77.4950, -84.1360, 15.9920

Conversions

Conversions Part 2

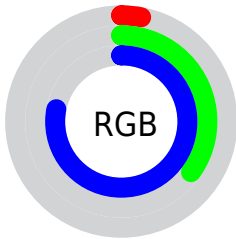
Format	Color
RYB	7, 65, 198
Decimal	481990
CIELab	40.30, 20.97, -62.11
CIELCh	40, 65.555, 288.660
Yxy	11.4347, 0.1736, 0.1425
Android (android.graphics.Color)	4278672070 (0xFF075AC6)
YUV	77.4950, 59.4090, -61.8241
Hunter-Lab	33.8153, 14.3914, -72.5859

Details

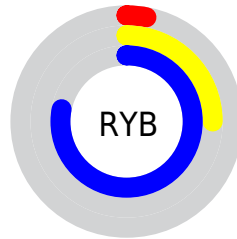
The Hex color **075AC6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C67307**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **638BFF**, and **002E8F** is the 20% darker color. If you saturate the color by 10%, you get **0056C6**, and if you desaturate by 10%, it is **1B65C6**.

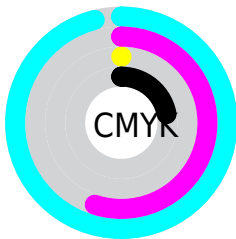
Distribution



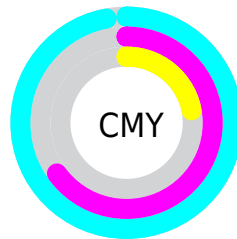
- Red (3%)
- Green (35%)
- Blue (78%)



- Red (3%)
- Yellow (25%)
- Blue (78%)



- Cyan (96%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (97%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 075AC6 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 075AC6 by changing the saturation by 10% instead.

■ 075AC6

■ 075AC6

FFFFFF

■ 0043AA

■ 638BFF

■ 002E8F

■ 83A5FF

■ 001B75

■ A1C0FF

■ 00005C

■ C0DCFF

■ 000743

■ DEF9FF

■ 00032C

FDFFFF

■ 000116

■ 000000

■ 075AC6

■ 075AC6

■ 0056C6

■ 1B65C6

■ 2F70C6

■ 427CC6

■ 5687C6

■ 6A92C6

■ 7E9DC6

■ 92A8C6

■ A5B4C6

■ B9BFC6

Harmonies

Analogous

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



006CC9



075AC6



893DA7

Triad

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



075AC6



A83A08



007448

Complementary

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



075AC6



C67307

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.



007007



075AC6



855500

Square

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



075AC6



BA1741



556700



007680

Rectangle

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



075AC6



A92487



556700



007335

Sweetspot

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



075AC6



B5D5FF



07C670



536680



000000



808080

Same Dimension

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



075AC6



006FFF



1107C6



5A5E63



0047A3



001024

Inverse Universe

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



C6075A



FF006F



BCC607



635A5E



A30047



240010

Previews

White Background



This preview shows how the Hex color 075AC6 looks on a white background.

Color Contrast Check

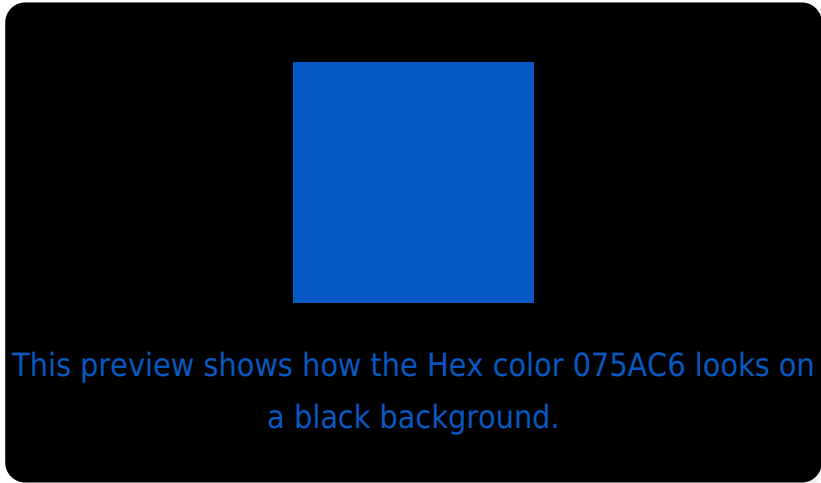
Large Text (above 18pt) WCAG AA ✓ Pass

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

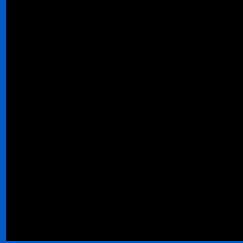
Any Text WCAG AA × Fail

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 075AC6 Background



This preview shows how black text looks on a background with the Hex color 075AC6.



This preview shows how white text looks on a background with the Hex color 075AC6.

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
075AC6

Protanopia
005BC2

Deuteranopia
0061A7

Trichromacy



Original Color
075AC6

Protanomaly
035BC3

Deuteranomaly
035EB2

Monochromacy



Original Color
075AC6

Achromatopsia
4D4D4D

Achromatomaly
345279

CSS Examples

Text

The CSS property to change the color of the text to Hex 075AC6 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 #075AC6 looks like.

```
.text, #text, p{  
    color:#075AC6  
}
```

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 #075AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075AC6
}
```

Border

The CSS property to change the border of an element to Hex 075AC6 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
#075AC6 }
```

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

```
.border{ border-color:#075AC6 }
```

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

Here you see how a box with a 4 pixel #075AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075AC6; -webkit-box-shadow:4px 4px  
4px 4px #075AC6; box-shadow:4px 4px 4px  
4px #075AC6 }
```

Background

The CSS property to change the background color of an element to Hex 075AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075AC6 }
```

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

```
.background{ background-color:#075AC6 }
```

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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