

Converting Colors

Hex(0678C6)

Have a look what the booklet for
Hex(0678C6) contains.

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Color

Hex(0678C6)

Conversions

Conversions Part 1

Format	Color
Hex	0678C6
RGB	6, 120, 198
RGB Percent	2%, 47%, 78%
CMY	0.9765, 0.5294, 0.2235
CMYK	0.97, 0.39, 0.00, 0.22
HSL	204°, 94%, 40%
HSV	204°, 97%, 78%
XYZ	16.9846, 17.5489, 55.9182
YIQ	94.8060, -92.9820, 0.0900

Conversions

Conversions Part 2

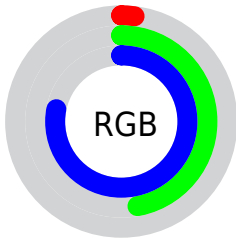
Format	Color
RYB	6, 78, 198
Decimal	424134
CIELab	48.94, 1.70, -48.19
CIELCh	49, 48.219, 272.015
Yxy	17.5489, 0.1878, 0.1940
Android (android.graphics.Color)	4278614214 (0xFF0678C6)
YUV	94.8060, 50.8746, -77.8829
Hunter-Lab	41.8914, -0.9381, -49.8185

Details

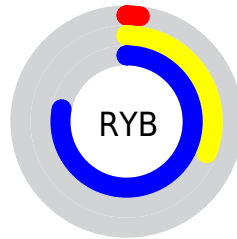
The Hex color **0678C6** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **C65406**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **62ACFF**, and **004890** is the 20% darker color. If you saturate the color by 10%, you get **0076C6**, and if you desaturate by 10%, it is **1A80C6**.

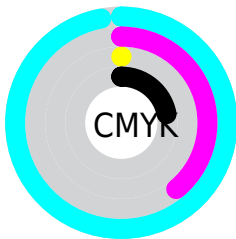
Distribution



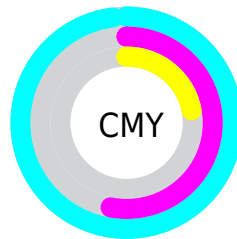
- Red (2%)
- Green (47%)
- Blue (78%)



- Red (2%)
- Yellow (31%)
- Blue (78%)



- Cyan (97%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0678C6 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 0678C6 by changing the saturation by 10% instead.

0678C6

0678C6

FFFFFF

0060AA

62ACFF

004890

82C7FF

003275

A0E3FF

001E5C

BEFFFF

000844

DDFFFF

00032D

FBFFFF

000117

000000

0678C6

0678C6

■ 0076C6

■ 1A80C6

■ 2E88C6

■ 4190C6

■ 5598C6

■ 69A0C6

■ 7DA8C6

■ 91B0C6

■ A4B8C6

■ B8C0C6

Harmonies

Analogous

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



0082BC



0678C6



7968BA

Triad

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



0678C6



BC544B



1C854C

Complementary

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



0678C6



C65406

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.



5E7E2A



0678C6



A8642B

Square

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



0678C6



BD4E73



87731B



008876

Rectangle

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



0678C6



9B5DA7



87731B



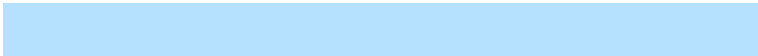
39833F

Sweetspot

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



0678C6



B5E1FF



06C653



536D80



000000



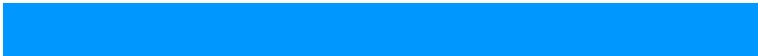
808080

Same Dimension

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



0678C6



0097FF



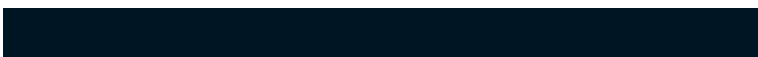
0619C6



5A5F63



0061A3



001524

Inverse Universe

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



C60678



FF0097



C6B306



635A5F



A30061



240015

Previews

White Background



This preview shows how the Hex color 0678C6 looks on a white background.

Color Contrast Check

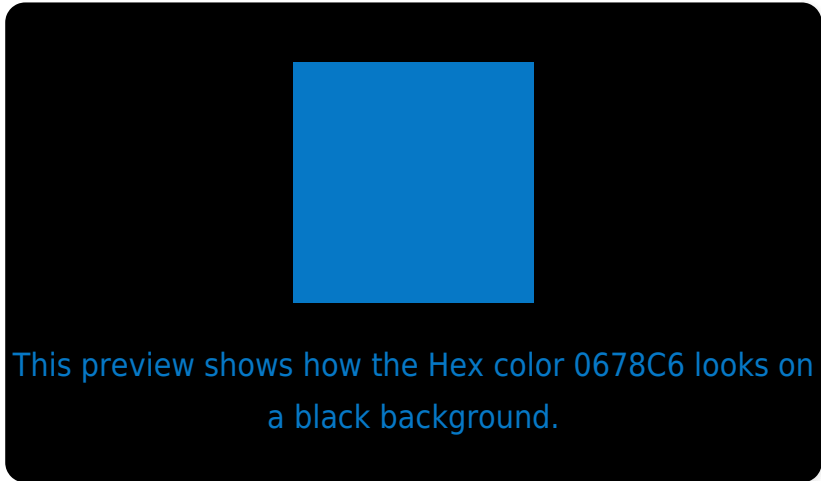
Large Text (above 18pt) WCAG AA ✓ Pass

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

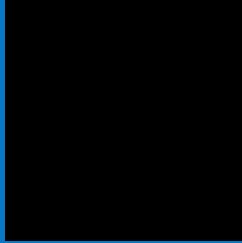
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0678C6 Background



This preview shows how black text looks on a background with the Hex color 0678C6.

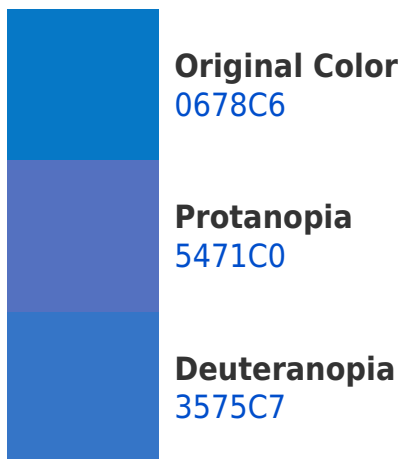


This preview shows how white text looks on a background with the Hex color 0678C6.

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](#).

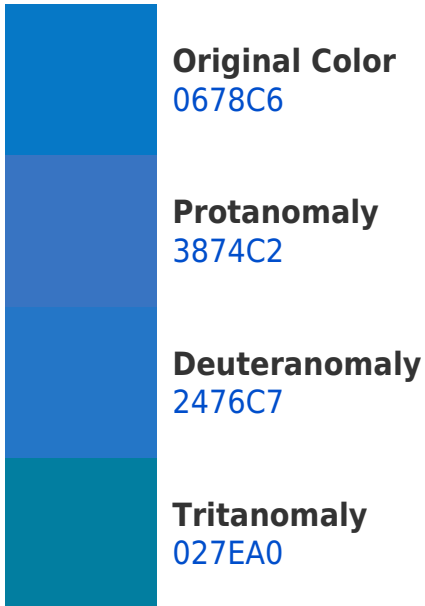
Dichromacy



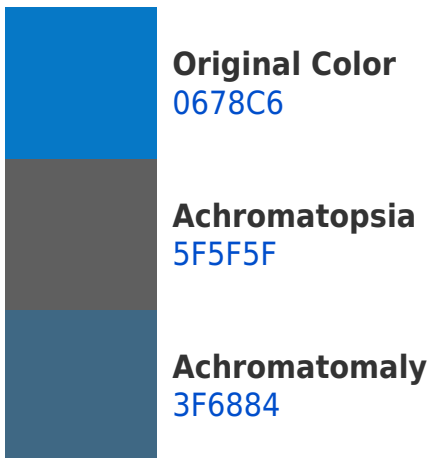


Tritanopia
00818A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0678C6 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 #0678C6 looks like.

```
.text, #text, p{  
    color:#0678C6  
}
```

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 #0678C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0678C6
}
```

Border

The CSS property to change the border of an element to Hex 0678C6 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
#0678C6 }
```

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

```
.border{ border-color:#0678C6 }
```

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

Here you see how a box with a 4 pixel #0678C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0678C6; -webkit-box-shadow:4px 4px  
4px 4px #0678C6; box-shadow:4px 4px 4px  
4px #0678C6 }
```

Background

The CSS property to change the background color of an element to Hex 0678C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0678C6 }
```

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

```
.background{ background-color:#0678C6 }
```

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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