

Converting Colors

Hex(0683AD)

Have a look what the booklet for
Hex(0683AD) contains.

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Color

Hex(0683AD)

Conversions

Conversions Part 1

Format	Color
Hex	0683AD
RGB	6, 131, 173
RGB Percent	2%, 51%, 68%
CMY	0.9765, 0.4863, 0.3216
CMYK	0.97, 0.24, 0.00, 0.32
HSL	195°, 93%, 35%
HSV	195°, 97%, 68%
XYZ	15.7342, 19.2884, 42.4289
YIQ	98.4130, -87.9820, -13.4380

Conversions

Conversions Part 2

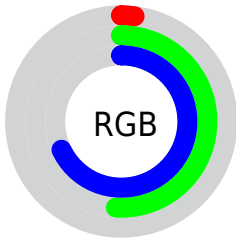
Format	Color
RYB	6, 77, 173
Decimal	426925
CIELab	51.02, -14.35, -30.53
CIELCh	51, 33.731, 244.818
Yxy	19.2884, 0.2031, 0.2490
Android (android.graphics.Color)	4278617005 (0xFF0683AD)
YUV	98.4130, 36.7714, -81.0462
Hunter-Lab	43.9186, -12.9084, -26.5359

Details

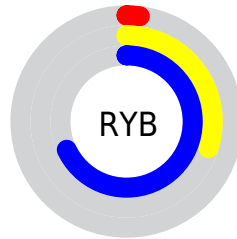
The Hex color **0683AD** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AD3006**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5DB8E5**, and **005278** is the 20% darker color. If you saturate the color by 10%, you get **0081AD**, and if you desaturate by 10%, it is **1787AD**.

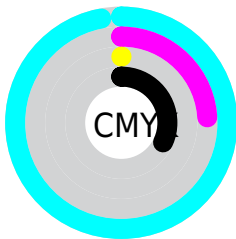
Distribution



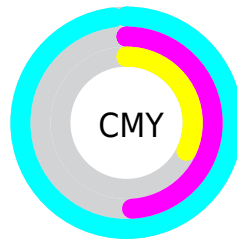
- Red (2%)
- Green (51%)
- Blue (68%)



- Red (2%)
- Yellow (30%)
- Blue (68%)



- Cyan (97%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)



- Cyan (98%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0683AD 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 0683AD by changing the saturation by 10% instead.

0683AD

0683AD

FFFFFF

006A92

5DB8E5

005278

7BD4FF

003B5F

99F0FF

002547

B7FFFF

000B31

D4FFFF

00011B

F3FFFF

000000

0683AD

0683AD

0081AD

1787AD

■ 298CAD

■ 3A90AD

■ 4B94AD

■ 5D99AD

■ 6E9DAD

■ 7FA1AD

■ 90A6AD

■ A2AAAD

Harmonies

Analogous

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



008899



0683AD



557BB3

Triad

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



0683AD



B06276



698149

Complementary

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



0683AD



AD3006

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.



87793F



0683AD



AE665A

Square

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



0683AD



A16693



9F6F46



448760

Rectangle

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



0683AD



7574AE



9F6F46



737F44

Sweetspot

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



0683AD



9FD0E0



06AD30



496670



F0F0F0



707070

Same Dimension

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



0683AD



00A8E0



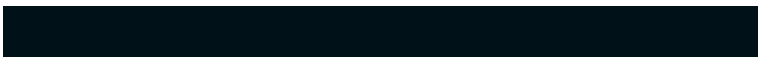
0630AD



4E5557



007196



001117

Inverse Universe

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



AD0683



E000A8



AD8306



574E55



960071



170011

Previews

White Background



This preview shows how the Hex color 0683AD looks on a white background.

Color Contrast Check

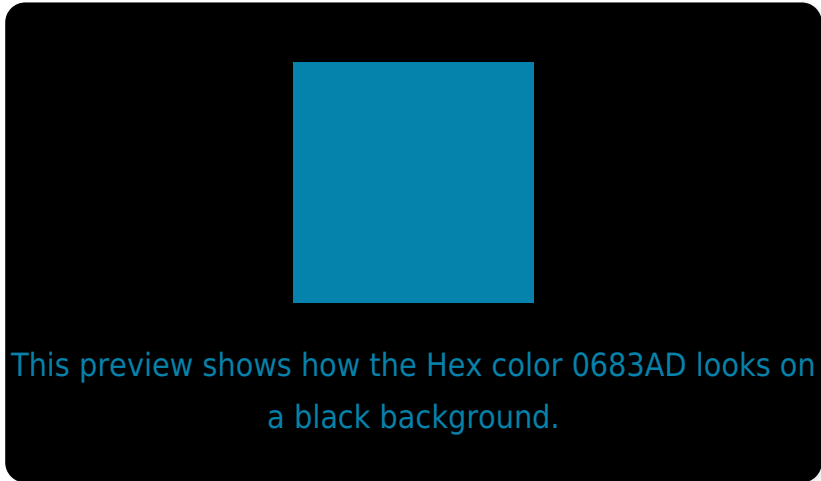
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 0683AD Background



This preview shows how black text looks on a background with the Hex color 0683AD.

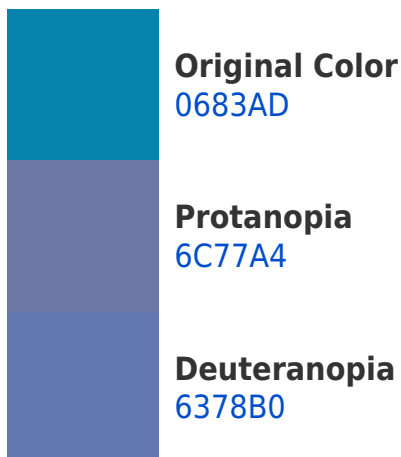


This preview shows how white text looks on a background with the Hex color 0683AD.

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](#).

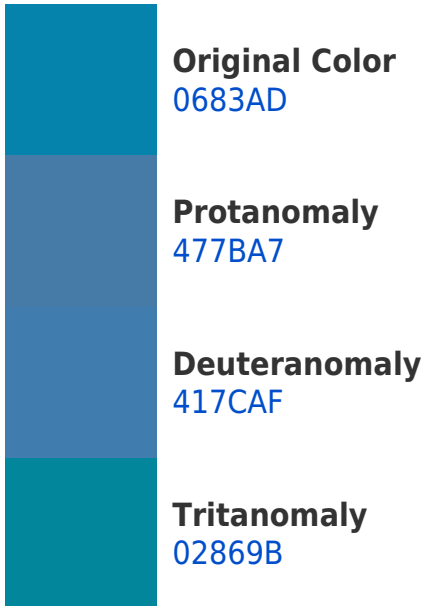
Dichromacy





Tritanopia
008791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0683AD 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 #0683AD looks like.

```
.text, #text, p{  
    color:#0683AD  
}
```

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 #0683AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0683AD
}
```

Border

The CSS property to change the border of an element to Hex 0683AD 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
#0683AD }
```

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

```
.border{ border-color:#0683AD }
```

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

Here you see how a box with a 4 pixel #0683AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0683AD; -webkit-box-shadow:4px 4px  
4px 4px #0683AD; box-shadow:4px 4px 4px  
4px #0683AD }
```

Background

The CSS property to change the background color of an element to Hex 0683AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0683AD }
```

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

```
.background{ background-color:#0683AD }
```

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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