

Converting Colors

Hex(3079AC)

Have a look what the booklet for
Hex(3079AC) contains.

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Color

Hex(3079AC)

Conversions

Conversions Part 1

Format	Color
Hex	3079AC
RGB	48, 121, 172
RGB Percent	19%, 47%, 67%
CMY	0.8118, 0.5255, 0.3255
CMYK	0.72, 0.30, 0.00, 0.33
HSL	205°, 56%, 43%
HSV	205°, 72%, 67%
XYZ	15.5027, 17.2817, 41.5483
YIQ	104.9870, -59.8790, 0.3850

Conversions

Conversions Part 2

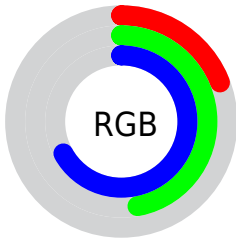
Format	Color
R_{YB}	48, 94, 172
Decimal	3176876
CIE _{Lab}	48.61, -5.32, -33.66
CIE _{LCh}	49, 34.080, 261.023
Yxy	17.2817, 0.2086, 0.2325
Android (android.graphics.Color)	4281366956 (0xFF3079AC)
YUV	104.9870, 33.0374, -49.9776
Hunter-Lab	41.5712, -6.1837, -30.1575

Details

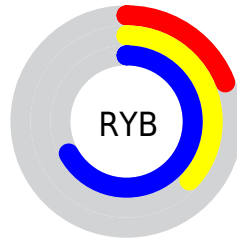
The Hex color **3079AC** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AC6330**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6EADE4**, and **004977** is the 20% darker color. If you saturate the color by 10%, you get **1F72AC**, and if you desaturate by 10%, it is **4180AC**.

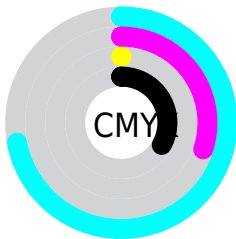
Distribution



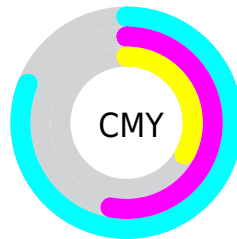
- Red (19%)
- Green (47%)
- Blue (67%)



- Red (19%)
- Yellow (37%)
- Blue (67%)



- Cyan (72%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)



- Cyan (81%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3079AC 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 3079AC by changing the saturation by 10% instead.

■ 3079AC

■ 3079AC

FFFFFF

■ 006091

■ 6EADE4

■ 004977

■ 8AC8FF

■ 00325E

■ A7E4FF

■ 001E46

■ C4FFFF

■ 000430

■ E2FFFF

■ 00011A

■ 000000

■ 3079AC

■ 3079AC

■ 1F72AC

■ 4180AC

■ 0E6BAC

■ 5287AC

■ 0065AC

■ 648EAC

■ 7595AC

■ 869CAC

■ 97A3AC

■ A8ABAC

■ BAB2AC

■ CBB9AC

Harmonies

Analogous

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



007FA0



3079AC



696FA9

Triad

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



3079AC



AA5D60



507E4E

Complementary

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



3079AC



AC6330

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.



71783C



3079AC



A16548

Square

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



3079AC



A55D7D



8D6F3A



21826A

Rectangle

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



3079AC



84689F



8D6F3A



5B7D47

Sweetspot

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



3079AC



AFCCE0



30AC62



536470



F0F0F0



707070

Same Dimension

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



3079AC



1D90E0



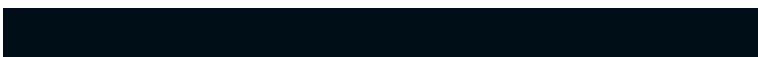
303CAC



4E5357



005996



000E17

Inverse Universe

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



AC3079



E01D90



ACA030



574E53



960059



17000E

Previews

White Background



This preview shows how the Hex color 3079AC looks on a white background.

Color Contrast Check

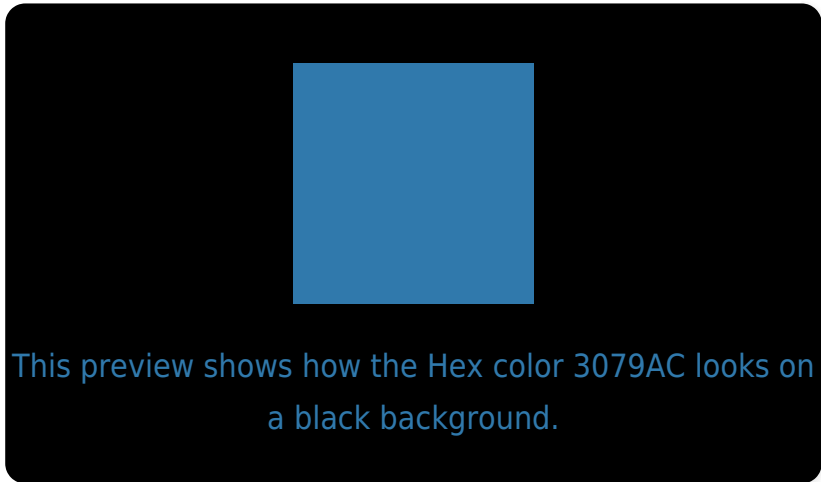
Large Text (above 18pt) WCAG AA ✓ Pass

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

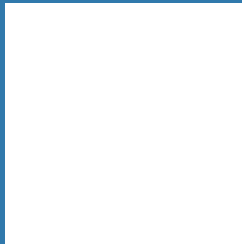
Any Text WCAG AAA × Fail

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

Hex 3079AC Background



This preview shows how black text looks on a background with the Hex color 3079AC.

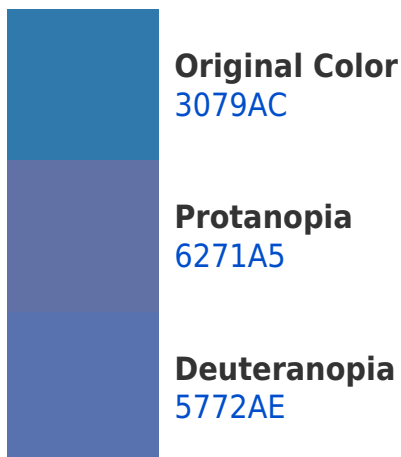


This preview shows how white text looks on a background with the Hex color 3079AC.

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](#).

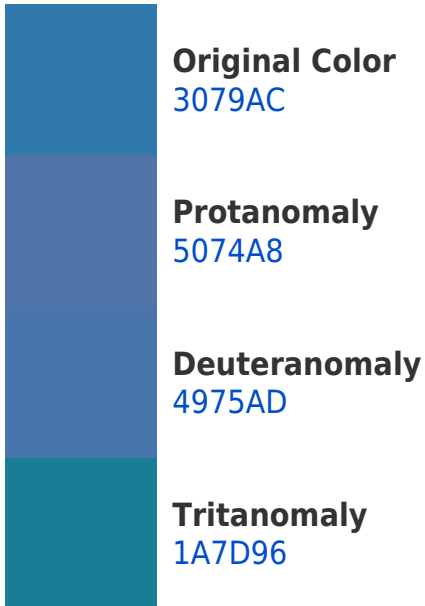
Dichromacy





Tritanopia
0E808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3079AC 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 #3079AC looks like.

```
.text, #text, p{  
    color:#3079AC  
}
```

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 #3079AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3079AC
}
```

Border

The CSS property to change the border of an element to Hex 3079AC 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
#3079AC }
```

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

```
.border{ border-color:#3079AC }
```

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

Here you see how a box with a 4 pixel #3079AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3079AC; -webkit-box-shadow:4px 4px  
4px 4px #3079AC; box-shadow:4px 4px 4px  
4px #3079AC }
```

Background

The CSS property to change the background color of an element to Hex 3079AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3079AC }
```

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

```
.background{ background-color:#3079AC }
```

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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