

Converting Colors

Hex(1069A8)

Have a look what the booklet for
Hex(1069A8) contains.

Hex(1069A8)	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>	29

Color

Hex(1069A8)

Conversions

Conversions Part 1

Format	Color
Hex	1069A8
RGB	16, 105, 168
RGB Percent	6%, 41%, 66%
CMY	0.9373, 0.5882, 0.3412
CMYK	0.90, 0.38, 0.00, 0.34
HSL	205°, 83%, 36%
HSV	205°, 90%, 66%
XYZ	12.3331, 13.0405, 38.9128
YIQ	85.5710, -73.2670, 0.7250

Conversions

Conversions Part 2

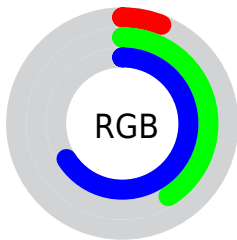
Format	Color
RYB	16, 72, 168
Decimal	1075624
CIELab	42.82, -0.42, -40.51
CIELCh	43, 40.511, 269.407
Yxy	13.0405, 0.1918, 0.2028
Android (android.graphics.Color)	4279265704 (0xFF1069A8)
YUV	85.5710, 40.6375, -61.0138
Hunter-Lab	36.1116, -2.2324, -38.6111

Details

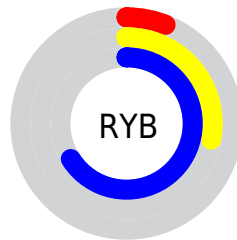
The Hex color **1069A8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A84F10**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5C9CE0**, and **003B73** is the 20% darker color. If you saturate the color by 10%, you get **0062A8**, and if you desaturate by 10%, it is **2170A8**.

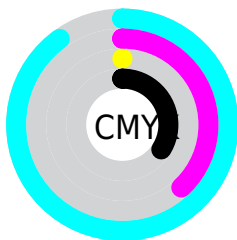
Distribution



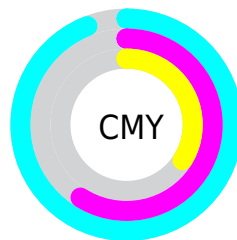
- Red (6%)
- Green (41%)
- Blue (66%)



- Red (6%)
- Yellow (28%)
- Blue (66%)



- Cyan (90%)
- Magenta (38%)
- Yellow (0%)
- Black (34%)



- Cyan (94%)
- Magenta (59%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1069A8 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 1069A8 by changing the saturation by 10% instead.

■ 1069A8

■ 1069A8

FFFFFF

■ 00518D

■ 5C9CE0

■ 003B73

■ 7AB7FC

■ 00265A

■ 98D2FF

■ 001043

■ B5EEFF

■ 00032C

■ D2FFFF

■ 000116

■ F0FFFF

■ 000000

■ 1069A8

■ 1069A8

■ 0062A8

■ 2170A8

■ 3277A8

■ 427EA8

■ 5385A8

■ 648CA8

■ 7593A8

■ 869AA8

■ 96A1A8

■ A7A8A8

Harmonies

Analogous

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



00719E



1069A8



655DA0

Triad

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



1069A8



A14B46



287342

Complementary

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



1069A8



A84F10

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.



576D27



1069A8



92572B

Square

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



1069A8



A14767



78631E



007563

Rectangle

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



1069A8



825391



78631E



3B7138

Sweetspot

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



1069A8



A0C3DB



10A84D



4B5F6E



EDEDED



6E6E6E

Same Dimension

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



1069A8



0080DB



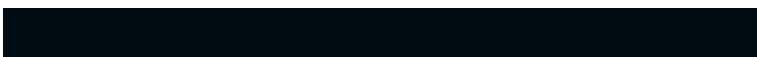
101FA8



4C5154



005794



000C14

Inverse Universe

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



A81069



DB0080



A89910



544C51



940057



14000C

Previews

White Background



This preview shows how the Hex color 1069A8 looks on a white background.

Color Contrast Check

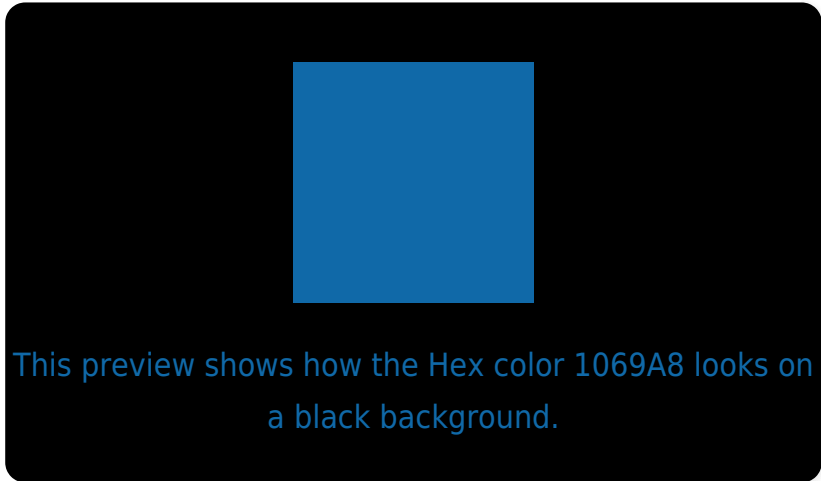
Large Text (above 18pt) WCAG AA ✓ Pass

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

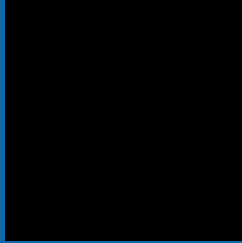
Any Text WCAG AA × Fail

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 1069A8 Background



This preview shows how black text looks on a background with the Hex color 1069A8.

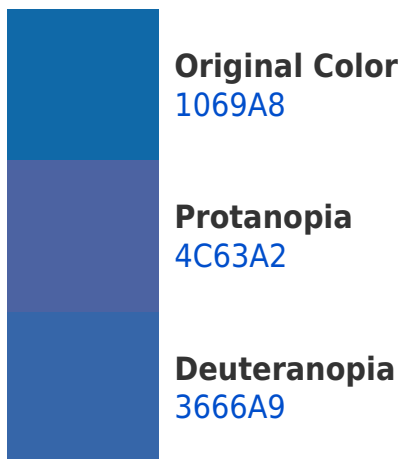


This preview shows how white text looks on a background with the Hex color 1069A8.

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](#).

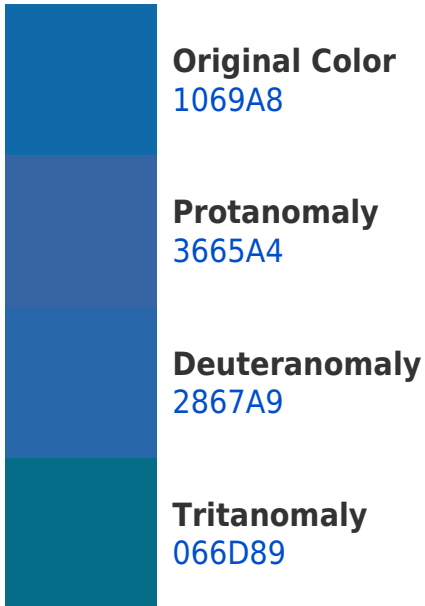
Dichromacy



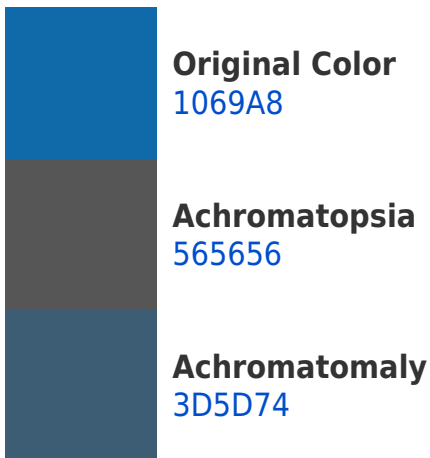


Tritanopia
007078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1069A8 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 #1069A8 looks like.

```
.text, #text, p{  
    color:#1069A8  
}
```

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 #1069A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1069A8
}
```

Border

The CSS property to change the border of an element to Hex 1069A8 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
#1069A8 }
```

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

```
.border{ border-color:#1069A8 }
```

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

Here you see how a box with a 4 pixel #1069A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1069A8; -webkit-box-shadow:4px 4px  
4px 4px #1069A8; box-shadow:4px 4px 4px  
4px #1069A8 }
```

Background

The CSS property to change the background color of an element to Hex 1069A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1069A8 }
```

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

```
.background{ background-color:#1069A8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor