

Converting Colors

Hex(1068A2)

Have a look what the booklet for
Hex(1068A2) contains.

Hex(1068A2)	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(1068A2)

Conversions

Conversions Part 1

Format	Color
Hex	1068A2
RGB	16, 104, 162
RGB Percent	6%, 41%, 64%
CMY	0.9373, 0.5922, 0.3647
CMYK	0.90, 0.36, 0.00, 0.36
HSL	204°, 82%, 35%
HSV	204°, 90%, 64%
XYZ	11.6856, 12.6194, 36.0023
YIQ	84.3000, -71.0660, -0.6180

Conversions

Conversions Part 2

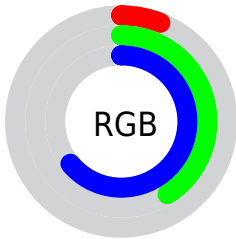
Format	Color
R _Y B	16, 71, 162
Decimal	1075362
CIE Lab	42.18, -2.17, -37.98
CIE LCh	42, 38.044, 266.729
Yxy	12.6194, 0.1938, 0.2093
Android (android.graphics.Color)	4279265442 (0xFF1068A2)
YUV	84.3000, 38.3061, -59.8991
Hunter-Lab	35.5238, -3.4490, -35.2219

Details

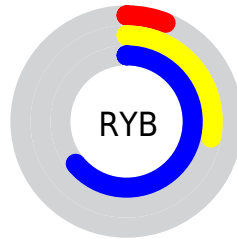
The Hex color **1068A2** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A24A10**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5B9BD9**, and **003A6E** is the 20% darker color. If you saturate the color by 10%, you get **0062A2**, and if you desaturate by 10%, it is **206EA2**.

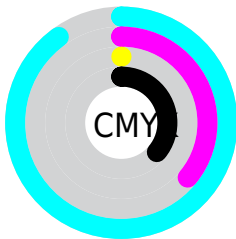
Distribution



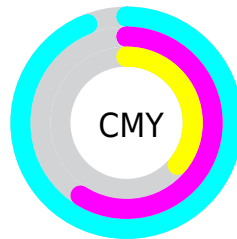
- Red (6%)
- Green (41%)
- Blue (64%)



- Red (6%)
- Yellow (28%)
- Blue (64%)



- Cyan (90%)
- Magenta (36%)
- Yellow (0%)
- Black (36%)



- Cyan (94%)
- Magenta (59%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1068A2 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 1068A2 by changing the saturation by 10% instead.

■ 1068A2

■ 1068A2

FFFFFF

■ 005088

■ 5B9BD9

■ 003A6E

■ 78B6F6

■ 002455

■ 96D1FF

■ 000F3E

■ B3EDFF

■ 000327

■ D0FFFF

■ 000110

■ EEEFFF

■ 000000

■ 1068A2

■ 1068A2

■ 0062A2

■ 206EA2

■ 3075A2

■ 417BA2

■ 5182A2

■ 6188A2

■ 718FA2

■ 8195A2

■ 929BA2

■ A2A2A2

Harmonies

Analogous

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



006F97



1068A2



5F5D9C

Triad

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



1068A2



9D4B49



317040

Complementary

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



1068A2



A24A10

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.



596A28



1068A2



905530

Square

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



1068A2



9B4868



786122



00735F

Rectangle

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



1068A2



7C548F



786122



406E37

Sweetspot

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



1068A2



9BBDD4



10A248



495D6B



EBEBEB



6B6B6B

Same Dimension

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



1068A2



0080D4



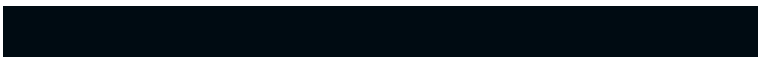
1021A2



494E52



005891



000B12

Inverse Universe

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



A21068



D40080



A29110



52494E



910058



12000B

Previews

White Background



This preview shows how the Hex color 1068A2 looks on a white background.

Color Contrast Check

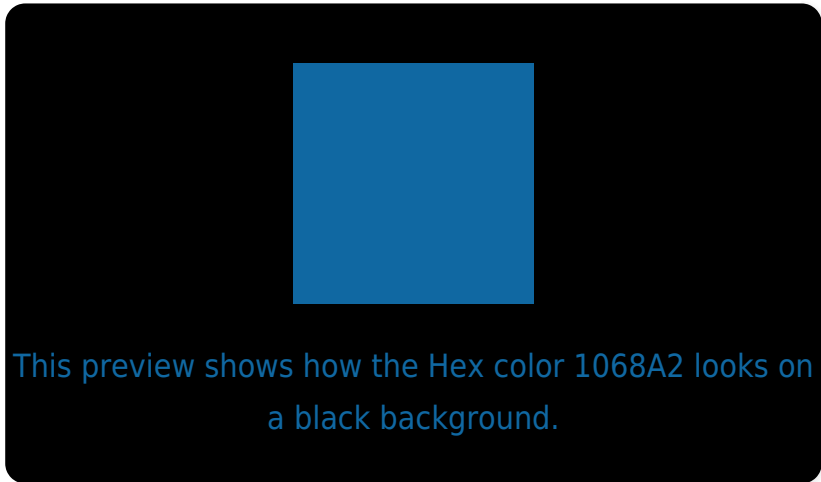
Large Text (above 18pt) WCAG AA ✓ Pass

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

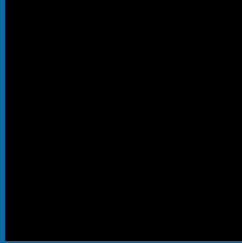
Any Text WCAG AA × Fail

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 1068A2 Background



This preview shows how black text looks on a background with the Hex color 1068A2.

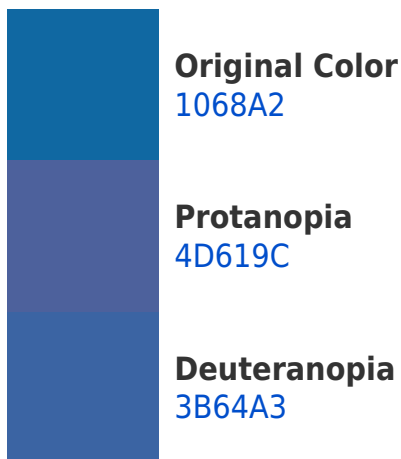


This preview shows how white text looks on a background with the Hex color 1068A2.

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](#).

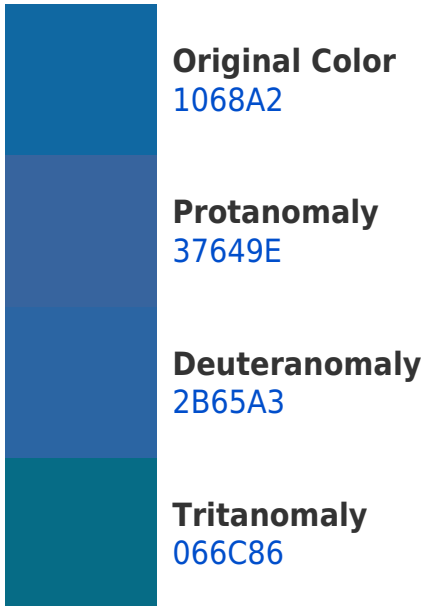
Dichromacy





Tritanopia
006E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1068A2 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 #1068A2 looks like.

```
.text, #text, p{  
    color:#1068A2  
}
```

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 #1068A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1068A2
}
```

Border

The CSS property to change the border of an element to Hex 1068A2 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
#1068A2 }
```

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

```
.border{ border-color:#1068A2 }
```

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

Here you see how a box with a 4 pixel #1068A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1068A2; -webkit-box-shadow:4px 4px  
4px 4px #1068A2; box-shadow:4px 4px 4px  
4px #1068A2 }
```

Background

The CSS property to change the background color of an element to Hex 1068A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1068A2 }
```

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

```
.background{ background-color:#1068A2 }
```

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