

# Converting Colors

Hex(068BA9)

Have a look what the booklet for  
Hex(068BA9) contains.

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# Color

**Hex(068BA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	068BA9
RGB	6, 139, 169
RGB Percent	2%, 55%, 66%
CMY	0.9765, 0.4549, 0.3373
CMYK	0.96, 0.18, 0.00, 0.34
HSL	191°, 93%, 34%
HSV	191°, 96%, 66%
XYZ	16.4692, 21.3685, 40.7926
YIQ	102.6530, -88.8980, -18.8660

# Conversions

## Conversions Part 2

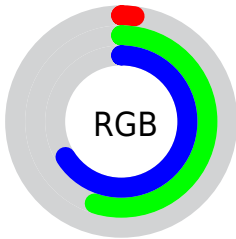
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	6, 79, 169
Decimal	428969
CIE Lab	53.35, -20.17, -24.61
CIE LCh	53, 31.822, 230.655
Yxy	21.3685, 0.2095, 0.2718
Android (android.graphics.Color)	4278619049 (0xFF068BA9)
YUV	102.6530, 32.7091, -84.7647
Hunter-Lab	46.2261, -17.3008, -19.9627

# Details

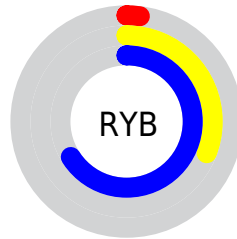
The Hex color **068BA9** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A92406**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5DC1E0**, and **005975** is the 20% darker color. If you saturate the color by 10%, you get **008AA9**, and if you desaturate by 10%, it is **178EA9**.

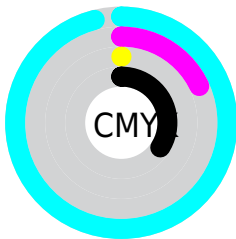
# Distribution



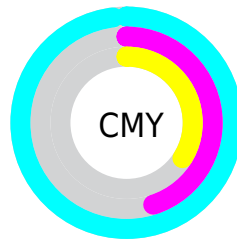
- Red (2%)
- Green (55%)
- Blue (66%)



- Red (2%)
- Yellow (31%)
- Blue (66%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (34%)



- Cyan (98%)
- Magenta (45%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 068BA9 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 068BA9 by changing the saturation by 10% instead.



 068BA9

 068BA9

FFFFFF

 00718E

 5DC1E0

 005975

 7BDDFD

 00415C

 99F9FF

 002B44

 B7FFFF

 00162E

 D4FFFF

 000119

 F3FFFF

 000000

 068BA9

 068BA9

 008AA9

 178EA9

■ 2891A9

■ 3994A9

■ 4A97A9

■ 5A9BA9

■ 6B9EA9

■ 7CA1A9

■ 8DA4A9

■ 9EA7A9

# Harmonies

## Analogous

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



008E92



068BA9



4785B5

# Triad

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



068BA9



AF6B89



7E844B

# Complementary

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



068BA9



A92406

# 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.



997B49



068BA9



B56B6D

# Square

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



068BA9



9972A2



AC7156



5F8A5C

# Rectangle

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



068BA9



677FB5



AC7156



888149



# Sweetspot

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



068BA9



9CD0DB



06A924



47676E



EDEDED



6E6E6E



# Same Dimension

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



068BA9



00B3DB



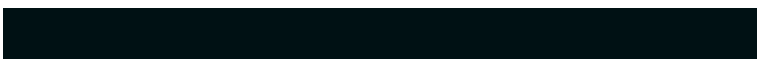
063AA9



4C5354



007994



001114



# Inverse Universe

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



A9068B



DB00B3



A97506



544C53



940079



140011



# Previews

## White Background



This preview shows how the Hex color 068BA9 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



This preview shows how the Hex color 068BA9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

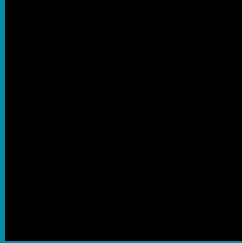
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 068BA9 Background



This preview shows how black text looks on a background with the Hex color 068BA9.



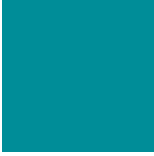
This preview shows how white text looks on a background with the Hex color 068BA9.

# 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**  
008D98

# Trichromacy



**Original Color**  
068BA9



**Protanomaly**  
4E82A3



**Deuteranomaly**  
4A82AB



**Tritanomaly**  
028C9E

# Monochromacy



**Original Color**  
068BA9



**Achromatopsia**  
676767



**Achromatomaly**  
44747F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 068BA9 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 #068BA9 looks like.

```
.text, #text, p{  
    color:#068BA9  
}
```

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 #068BA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #068BA9
}
```

## Border

The CSS property to change the border of an element to Hex 068BA9 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
#068BA9 }
```

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

```
.border{ border-color:#068BA9 }
```

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

Here you see how a box with a 4 pixel #068BA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #068BA9; -webkit-box-shadow:4px 4px  
4px 4px #068BA9; box-shadow:4px 4px 4px  
4px #068BA9 }
```

# Background

The CSS property to change the background color of an element to Hex 068BA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#068BA9 }
```

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

```
.background{ background-color:#068BA9 }
```

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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