

# Converting Colors

Hex(0088C6)

Have a look what the booklet for  
Hex(0088C6) contains.

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# Color

Hex(0088C6)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 0088C6                       |
| RGB         | 0, 136, 198                  |
| RGB Percent | 0%, 53%, 78%                 |
| CMY         | 1.0000, 0.4667, 0.2235       |
| CMYK        | 1.00, 0.31, 0.00, 0.22       |
| HSL         | 199°, 100%, 39%              |
| HSV         | 199°, 100%, 78%              |
| XYZ         | 18.9972, 21.6855, 56.6105    |
| YIQ         | 102.4040, -100.9580, -9.5500 |

# Conversions

## Conversions Part 2

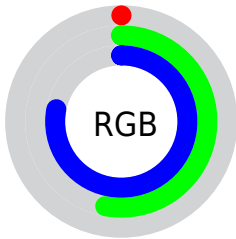
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 81, 198                     |
| Decimal                             | 35014                          |
| CIELab                              | 53.69, -8.06, -40.66           |
| CIELCh                              | 54, 41.453, 258.793            |
| Yxy                                 | 21.6855, 0.1953,<br>0.2229     |
| Android<br>(android.graphics.Color) | 4278225094<br>(0xFF0088C6)     |
| YUV                                 | 102.4040, 47.1288,<br>-89.8083 |
| Hunter-Lab                          | 46.5677, -8.6749,<br>-39.4791  |

# Details

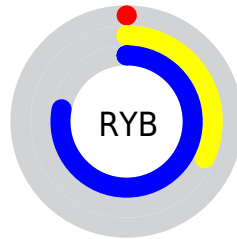
The Hex color **0088C6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C63E00**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **61BDFF**, and **005790** is the 20% darker color. If you saturate the color by 10%, you get **0088C6**, and if you desaturate by 10%, it is **148EC6**.

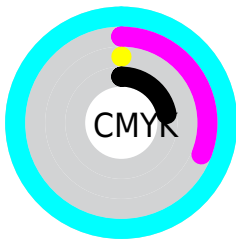
# Distribution



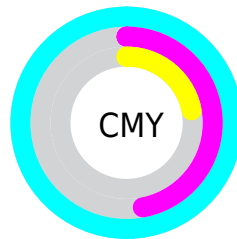
- Red (0%)
- Green (53%)
- Blue (78%)



- Red (0%)
- Yellow (32%)
- Blue (78%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (47%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0088C6 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 0088C6 by changing the saturation by 10% instead.



 0088C6

 0088C6

FFFFFF

 006FAA

 61BDFF

 005790

 81D9FF

 004076

 A0F5FF

 002A5D

 BEFFFF

 001645

 DDFFFF

 00042E

 FBFFFF

 000118

 000000

 0088C6

 148EC6

 2894C6

 3B9BC6

 4FA1C6

 63A7C6

 77ADC6

 8BB3C6

 9EBAC6

 B2C0C6

# Harmonies

## Analogous

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



008FB5



0088C6



6D7CC4

# Triad

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



0088C6



C4636B



568D4F

# Complementary

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



0088C6



C63E00

# 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.



7F853A



0088C6



B96D4C

# Square

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



0088C6



BC648F



A17A39



099271

# Rectangle

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



0088C6



9173B8



A17A39



658B46

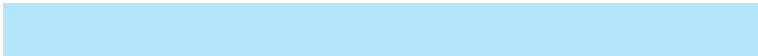


# Sweetspot

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



0088C6



B3E7FF



00C63B



527180



000000



808080

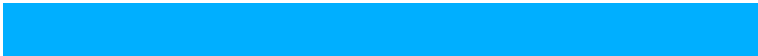


# Same Dimension

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



0088C6



00AFFF



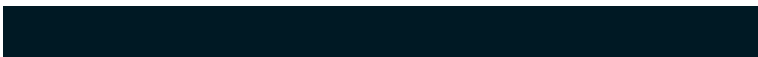
0028C6



5A6063



0070A3



001924



# Inverse Universe

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



C60088



FF00AF



C69E00



635A60



A30070



240019



# Previews

## White Background



This preview shows how the Hex color 0088C6 looks on a white background.

## Color Contrast Check

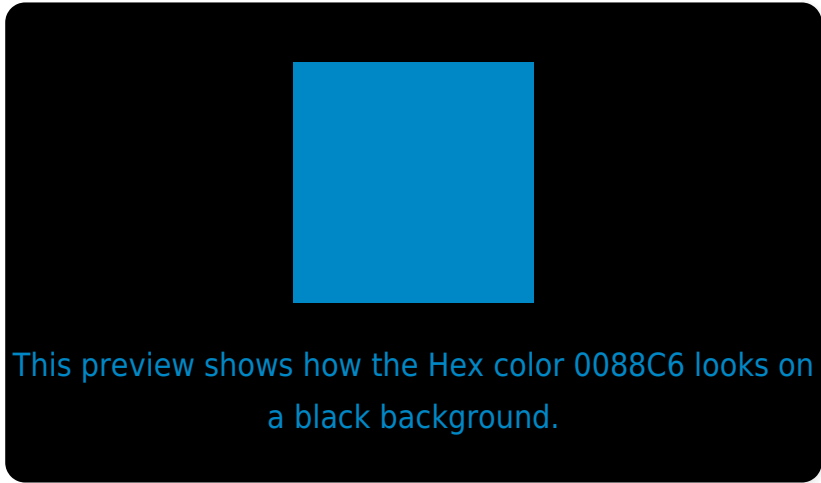
Large Text (above 18pt) WCAG AA ✓ Pass

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

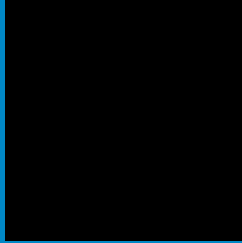
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0088C6 Background



This preview shows how black text looks on a background with the Hex color 0088C6.



This preview shows how white text looks on a background with the Hex color 0088C6.

# 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](#).

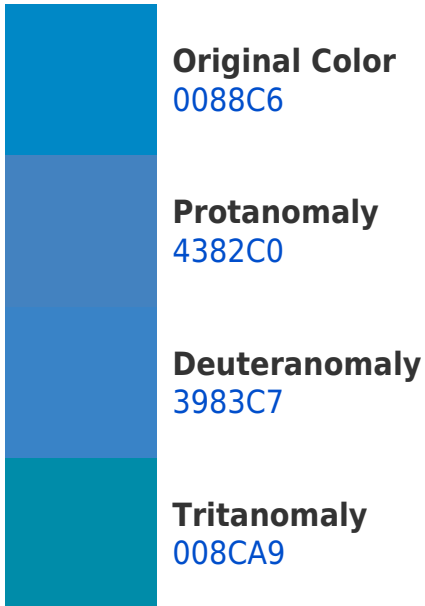
## Dichromacy





**Tritanopia**  
008E98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0088C6 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 #0088C6 looks like.

```
.text, #text, p{  
    color:#0088C6  
}
```

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 #0088C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0088C6
}
```

## Border

The CSS property to change the border of an element to Hex 0088C6 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
#0088C6 }
```

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

```
.border{ border-color:#0088C6 }
```

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

Here you see how a box with a 4 pixel #0088C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0088C6; -webkit-box-shadow:4px 4px  
4px 4px #0088C6; box-shadow:4px 4px 4px  
4px #0088C6 }
```

# Background

The CSS property to change the background color of an element to Hex 0088C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0088C6 }
```

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

```
.background{ background-color:#0088C6 }
```

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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