

# Converting Colors

Hex(0082C2)

Have a look what the booklet for  
Hex(0082C2) contains.

<b>Hex(0082C2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(0082C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0082C2
RGB	0, 130, 194
RGB Percent	0%, 51%, 76%
CMY	1.0000, 0.4902, 0.2392
CMYK	1.00, 0.33, 0.00, 0.24
HSL	200°, 100%, 38%
HSV	200°, 100%, 76%
XYZ	17.7202, 19.8603, 53.9384
YIQ	98.4260, -98.0240, -7.6560

# Conversions

## Conversions Part 2

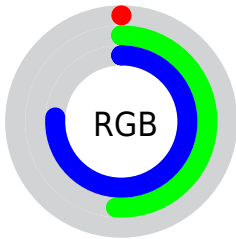
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 194
Decimal	33474
CIELab	51.68, -6.08, -41.56
CIElCh	52, 42.005, 261.673
Yxy	19.8603, 0.1936, 0.2170
Android (android.graphics.Color)	4278223554 (0xFF0082C2)
YUV	98.4260, 47.1180, -86.3196
Hunter-Lab	44.5649, -7.0120, -40.5653

# Details

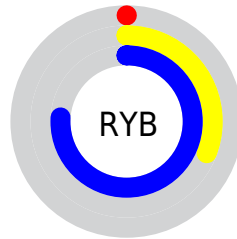
The Hex color **0082C2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C24000**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **60B7FB**, and **00518C** is the 20% darker color. If you saturate the color by 10%, you get **0082C2**, and if you desaturate by 10%, it is **1388C2**.

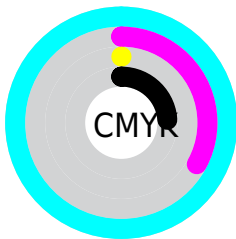
# Distribution



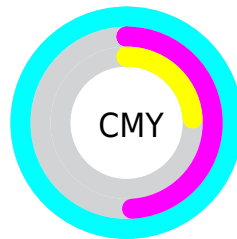
- Red (0%)
- Green (51%)
- Blue (76%)



- Red (0%)
- Yellow (31%)
- Blue (76%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (49%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0082C2 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 0082C2 by changing the saturation by 10% instead.



 0082C2

 0082C2

FFFFFF

 0069A7

 60B7FB

 00518C

 80D2FF

 003A72

 9EEEEFF

 002559

 BCFFFF

 001041

 DBFFFF

 00032B

 F9FFFF

 000115

 000000

 0082C2

■ 1388C2

■ 278FC2

■ 3A95C2

■ 4E9CC2

■ 61A2C2

■ 74A8C2

■ 88AFC2

■ 9BB5C2

■ AFBCC2

# Harmonies

## Analogous

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



008AB3



0082C2



6D76BE

# Triad

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



0082C2



BE5E63



4B894D

# Complementary

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



0082C2



C24000

# 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.



768135



0082C2



B26844

# Square

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



0082C2



B85D87



997632



008D70

# Rectangle

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



0082C2



906CB1



997632



5B8743

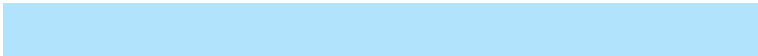


# Sweetspot

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



0082C2



B1E3FC



00C23D



527080



000000



808080

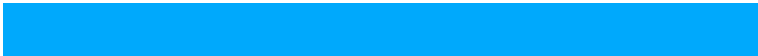


# Same Dimension

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



0082C2



00A9FC



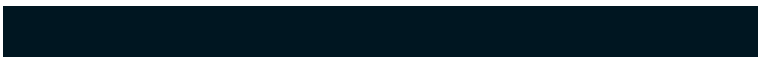
0024C2



575E61



006CA1



001621



# Inverse Universe

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



C20082



FC00A9



C29E00



61575E



A1006C



210016



# Previews

## White Background



This preview shows how the Hex color 0082C2 looks on a white background.

## Color Contrast Check

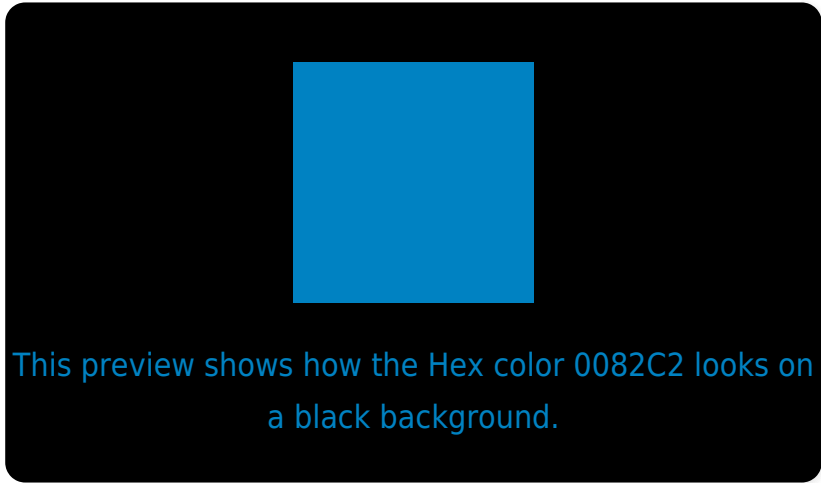
Large Text (above 18pt) WCAG AA ✓ Pass

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

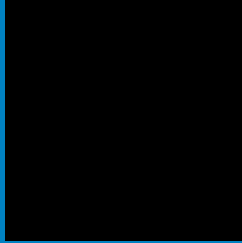
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0082C2 Background



This preview shows how black text looks on a background with the Hex color 0082C2.

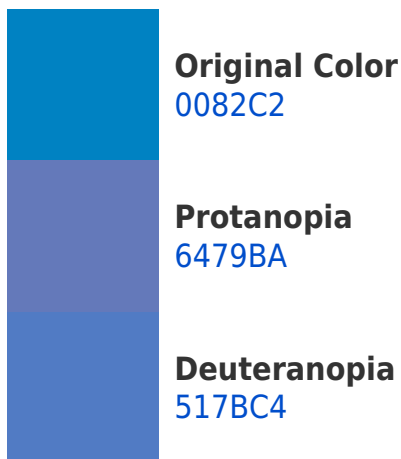


This preview shows how white text looks on a background with the Hex color 0082C2.

# 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**  
008892

# Trichromacy



**Original Color**  
0082C2



**Protanomaly**  
407CBD



**Deuteranomaly**  
347EC3



**Tritanomaly**  
0086A3

# Monochromacy



**Original Color**  
0082C2



**Achromatopsia**  
626262



**Achromatomaly**  
3E6E85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0082C2 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 #0082C2 looks like.

```
.text, #text, p{  
    color:#0082C2  
}
```

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 #0082C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0082C2
}
```

## Border

The CSS property to change the border of an element to Hex 0082C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

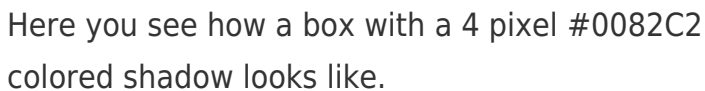
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0082C2 }
```

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

```
.border{ border-color:#0082C2 }
```

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



Here you see how a box with a 4 pixel #0082C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0082C2; -webkit-box-shadow:4px 4px  
4px 4px #0082C2; box-shadow:4px 4px 4px  
4px #0082C2 }
```

# Background

The CSS property to change the background color of an element to Hex 0082C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0082C2 }
```

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

```
.background{ background-color:#0082C2 }
```

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