

# Converting Colors

Hex(0082B4)

Have a look what the booklet for  
Hex(0082B4) contains.

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# Color

Hex(0082B4)

# Conversions

## Conversions Part 1

Format	Color
Hex	0082B4
RGB	0, 130, 180
RGB Percent	0%, 51%, 71%
CMY	1.0000, 0.4902, 0.2941
CMYK	1.00, 0.28, 0.00, 0.29
HSL	197°, 100%, 35%
HSV	197°, 100%, 71%
XYZ	16.2209, 19.2606, 46.0427
YIQ	96.8300, -93.5300, -12.0100

# Conversions

## Conversions Part 2

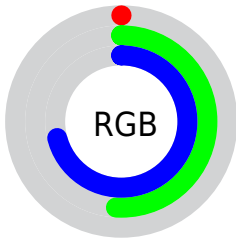
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 180
Decimal	33460
CIELab	50.99, -11.41, -34.62
CIELCh	51, 36.448, 251.755
Yxy	19.2606, 0.1990, 0.2363
Android (android.graphics.Color)	4278223540 (0xFF0082B4)
YUV	96.8300, 41.0028, -84.9199
Hunter-Lab	43.8868, -10.8273, -31.4818

# Details

The Hex color **0082B4** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B43200**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5DB7EC**, and **00517F** is the 20% darker color. If you saturate the color by 10%, you get **0082B4**, and if you desaturate by 10%, it is **1287B4**.

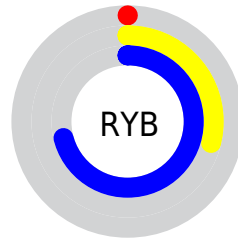
# Distribution



Red (0%)

Green (51%)

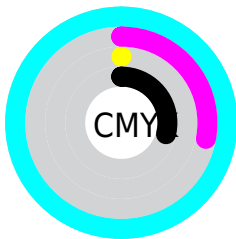
Blue (71%)



Red (0%)

Yellow (29%)

Blue (71%)

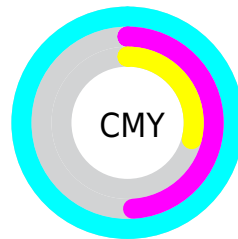


Cyan (100%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (100%)

Magenta (49%)


















Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0082B4 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 0082B4 by changing the saturation by 10% instead.



 0082B4	 0082B4
 FFFFFFFF	 006999
 5DB7EC	 00517F
 7CD2FF	 003A66
 9AEFFF	 00254D
 B8FFFF	 000C36
 D6FFFF	 000220
 F4FFFF	 000004
	 000000

 0082B4

 1287B4

 248CB4

 3691B4

 4896B4

 5A9BB4

 6CA0B4

 7EA5B4

 90AAB4

 A2AFB4

# Harmonies

## Analogous

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



0088A2



0082B4



5D78B6

# Triad

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



0082B4



B5606E



5E844A

# Complementary

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



0082B4



B43200

# 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.



817C3B



0082B4



AF6651

# Square

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



0082B4



A9638E



9C713E



328865

# Rectangle

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



0082B4



7E71AE



9C713E



6B8143



# Sweetspot

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



0082B4



A4D7EB



00B430



4B6A75



F5F5F5



757575



# Same Dimension

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



0082B4



00A9EB



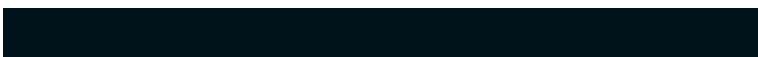
002AB4



505759



006F99



00121A



# Inverse Universe

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



B40082



EB00A9



B48A00



595057



99006F



1A0012



# Previews

## White Background



This preview shows how the Hex color 0082B4 looks on a white background.

## Color Contrast Check

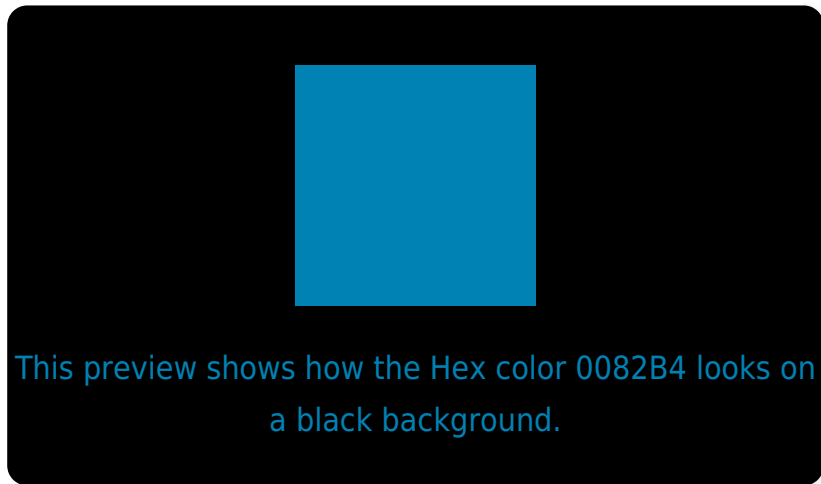
Large Text (above 18pt) WCAG AA ✓ Pass

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

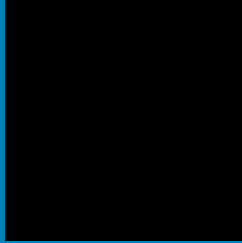
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0082B4 Background



This preview shows how black text looks on a background with the Hex color 0082B4.

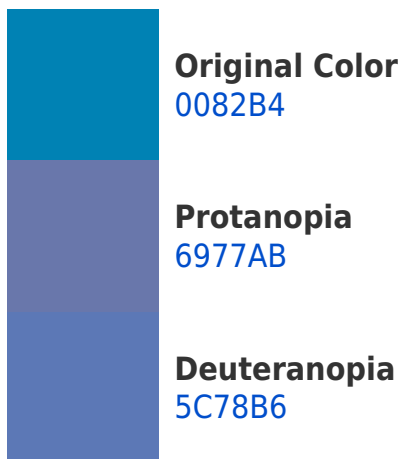


This preview shows how white text looks on a background with the Hex color 0082B4.

# 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**  
008791

# Trichromacy



**Original Color**  
0082B4



**Protanomaly**  
437BAE



**Deuteranomaly**  
3B7CB5



**Tritanomaly**  
00859E

# Monochromacy



**Original Color**  
0082B4



**Achromatopsia**  
616161



**Achromatomaly**  
3E6D7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0082B4 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 #0082B4 looks like.

```
.text, #text, p{  
    color:#0082B4  
}
```

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 #0082B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0082B4
}
```

## Border

The CSS property to change the border of an element to Hex 0082B4 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
#0082B4 }
```

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

```
.border{ border-color:#0082B4 }
```

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

Here you see how a box with a 4 pixel #0082B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0082B4; -webkit-box-shadow:4px 4px  
4px 4px #0082B4; box-shadow:4px 4px 4px  
4px #0082B4 }
```

# Background

The CSS property to change the background color of an element to Hex 0082B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0082B4 }
```

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

```
.background{ background-color:#0082B4 }
```

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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