

Converting Colors

Hex(0082B3)

Have a look what the booklet for
Hex(0082B3) contains.

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Color

Hex(0082B3)

Conversions

Conversions Part 1

Format	Color
Hex	0082B3
RGB	0, 130, 179
RGB Percent	0%, 51%, 70%
CMY	1.0000, 0.4902, 0.2980
CMYK	1.00, 0.27, 0.00, 0.30
HSL	196°, 100%, 35%
HSV	196°, 100%, 70%
XYZ	16.1193, 19.2199, 45.5081
YIQ	96.7160, -93.2090, -12.3210

Conversions

Conversions Part 2

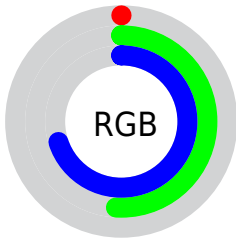
Format	Color
RYB	0, 75, 179
Decimal	33459
CIELab	50.94, -11.79, -34.11
CIELCh	51, 36.093, 250.938
Yxy	19.2199, 0.1994, 0.2377
Android (android.graphics.Color)	4278223539 (0xFF0082B3)
YUV	96.7160, 40.5660, -84.8199
Hunter-Lab	43.8405, -11.0900, -30.8568

Details

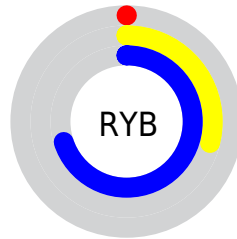
The Hex color **0082B3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B33100**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5CB7EB**, and **00517E** is the 20% darker color. If you saturate the color by 10%, you get **0082B3**, and if you desaturate by 10%, it is **1287B3**.

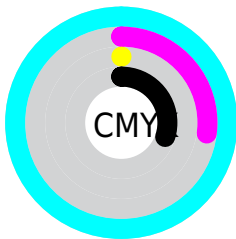
Distribution



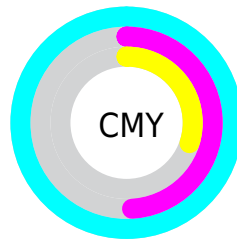
- Red (0%)
- Green (51%)
- Blue (70%)



- Red (0%)
- Yellow (29%)
- Blue (70%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0082B3 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 0082B3 by changing the saturation by 10% instead.

0082B3

0082B3

FFFFFF

006998

5CB7EB

00517E

7BD2FF

003A65

99EFFF

00254C

B7FFFF

000B36

D5FFFF

000220

F4FFFF

000003

000000

0082B3

 1287B3

 248CB3

 3691B3

 4896B3

 5A9AB3

 6B9FB3

 7DA4B3

 8FA9B3

 A1AEB3

Harmonies

Analogous

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



0088A1



0082B3



5C79B6

Triad

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



0082B3



B4606F



608349

Complementary

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



0082B3



B33100

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.



817B3B



0082B3



AF6652

Square

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



0082B3



A8638E



9D713F



348864

Rectangle

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



0082B3



7D71AE



9D713F



6C8143

Sweetspot

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



0082B3



A2D5E8



00B330



4B6A75



F5F5F5



757575

Same Dimension

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



0082B3



00A9E8



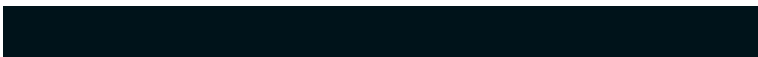
002AB3



505759



006F99



00131A

Inverse Universe

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



B30082



E800A9



B38900



595057



99006F



1A0013

Previews

White Background



This preview shows how the Hex color 0082B3 looks on a white background.

Color Contrast Check

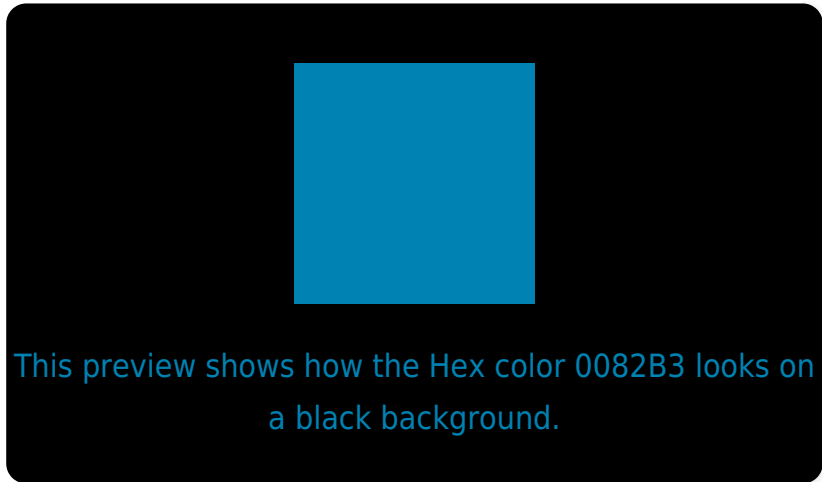
Large Text (above 18pt) WCAG AA ✓ Pass

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

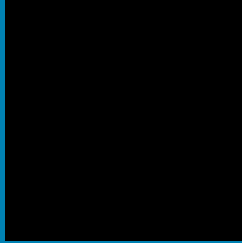
Any Text WCAG AA ✓ Pass

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 0082B3 Background



This preview shows how black text looks on a background with the Hex color 0082B3.

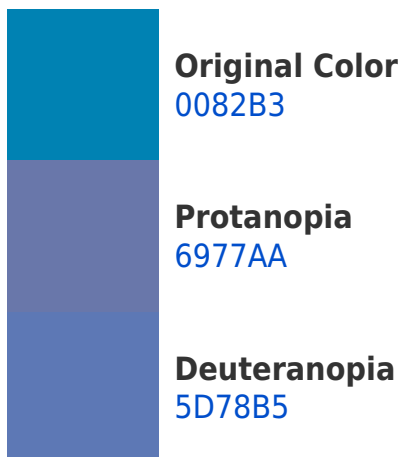


This preview shows how white text looks on a background with the Hex color 0082B3.

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
008691

Trichromacy



Original Color
0082B3

Protanomaly
437BAD

Deuteranomaly
3B7CB4

Tritanomaly
00859D

Monochromacy



Original Color
0082B3

Achromatopsia
616161

Achromatomaly
3E6D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0082B3 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 #0082B3 looks like.

```
.text, #text, p{  
    color:#0082B3  
}
```

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 #0082B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0082B3
}
```

Border

The CSS property to change the border of an element to Hex 0082B3 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
#0082B3 }
```

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

```
.border{ border-color:#0082B3 }
```

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

Here you see how a box with a 4 pixel #0082B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0082B3; -webkit-box-shadow:4px 4px  
4px 4px #0082B3; box-shadow:4px 4px 4px  
4px #0082B3 }
```

Background

The CSS property to change the background color of an element to Hex 0082B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0082B3 }
```

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

```
.background{ background-color:#0082B3 }
```

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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