

Converting Colors

Hex(0083B4)

Have a look what the booklet for
Hex(0083B4) contains.

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Color

Hex(0083B4)

Conversions

Conversions Part 1

Format	Color
Hex	0083B4
RGB	0, 131, 180
RGB Percent	0%, 51%, 71%
CMY	1.0000, 0.4863, 0.2941
CMYK	1.00, 0.27, 0.00, 0.29
HSL	196°, 100%, 35%
HSV	196°, 100%, 71%
XYZ	16.3545, 19.5279, 46.0873
YIQ	97.4170, -93.8050, -12.5330

Conversions

Conversions Part 2

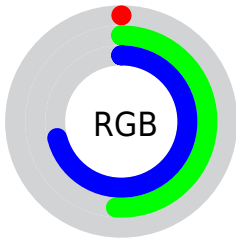
Format	Color
RYB	0, 76, 180
Decimal	33716
CIELab	51.30, -11.98, -34.13
CIElCh	51, 36.174, 250.658
Yxy	19.5279, 0.1995, 0.2382
Android (android.graphics.Color)	4278223796 (0xFF0083B4)
YUV	97.4170, 40.7134, -85.4347
Hunter-Lab	44.1904, -11.2717, -30.9018

Details

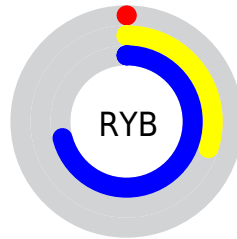
The Hex color **0083B4** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B43100**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5DB8EC**, and **00527F** is the 20% darker color. If you saturate the color by 10%, you get **0083B4**, and if you desaturate by 10%, it is **1288B4**.

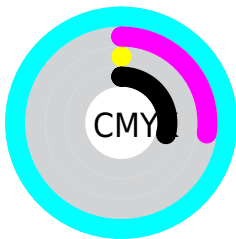
Distribution



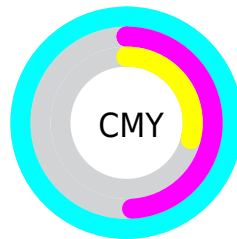
- Red (0%)
- Green (51%)
- Blue (71%)



- Red (0%)
- Yellow (30%)
- Blue (71%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (29%)




- Cyan (100%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0083B4 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 0083B4 by changing the saturation by 10% instead.

 0083B4

 0083B4

FFFFFF

 006A99

 5DB8EC

 00527F

 7CD4FF

 003B66

 9AF0FF

 00254D


 B8FFFF

 000D36

 D6FFFF

 000220

 F4FFFF

 000005

 000000

 0083B4

 1288B4

 248DB4

 3692B4

 4897B4

 5A9CB4

 6CA0B4

 7EA5B4

 90AAB4

 A2AFB4

Harmonies

Analogous

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



0089A2



0083B4



5C7AB7

Triad

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



0083B4



B56170



61844A

Complementary

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



0083B4



B43100

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.



837C3C



0083B4



B06753

Square

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



0083B4



A9648F



9E7140



368965

Rectangle

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



0083B4



7E72AF



9E7140



6D8243

Sweetspot

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



0083B4



A4D7EB



00B430



4B6A75



F5F5F5



757575

Same Dimension

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



0083B4



00ABEB



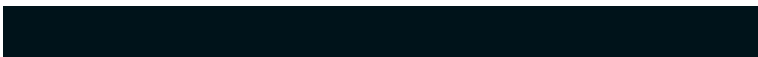
002AB4



505759



006F99



00131A

Inverse Universe

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



B40083



EB00AB



B48A00



595057



99006F



1A0013

Previews

White Background



This preview shows how the Hex color 0083B4 looks on a white background.

Color Contrast Check

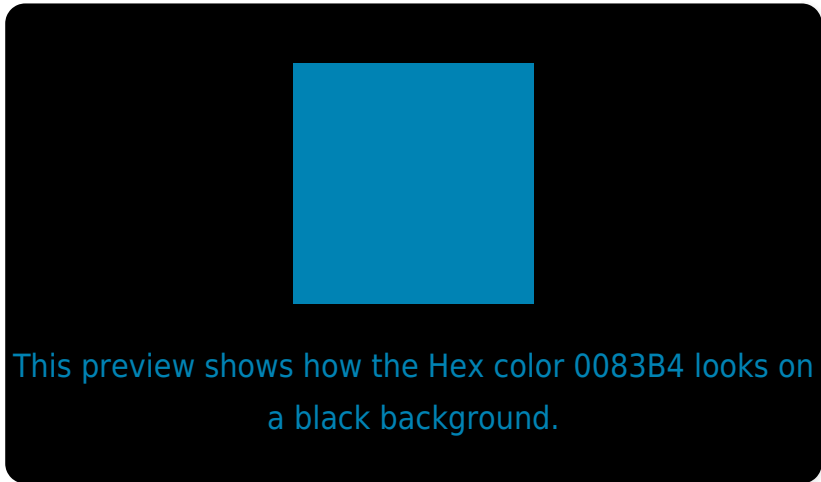
Large Text (above 18pt) WCAG AA ✓ Pass

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

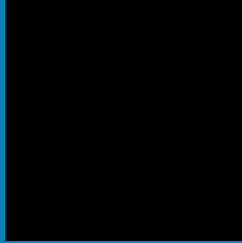
Any Text WCAG AA ✓ Pass

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 0083B4 Background



This preview shows how black text looks on a background with the Hex color 0083B4.

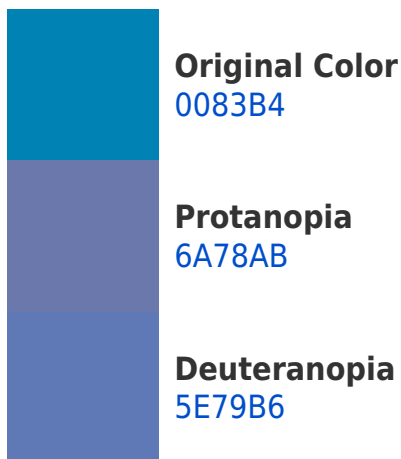


This preview shows how white text looks on a background with the Hex color 0083B4.

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





Trichromacy



Original Color
0083B4



Protanomaly
437CAE



Deuteranomaly
3C7DB5



Tritanomaly
00869E

Monochromacy



Original Color
0083B4



Achromatopsia
616161



Achromatomaly
3E6D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0083B4 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 #0083B4 looks like.

```
.text, #text, p{  
    color:#0083B4  
}
```

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 #0083B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0083B4
}
```

Border

The CSS property to change the border of an element to Hex 0083B4 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
#0083B4 }
```

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

```
.border{ border-color:#0083B4 }
```

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

Here you see how a box with a 4 pixel #0083B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0083B4; -webkit-box-shadow:4px 4px  
4px 4px #0083B4; box-shadow:4px 4px 4px  
4px #0083B4 }
```

Background

The CSS property to change the background color of an element to Hex 0083B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0083B4 }
```

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

```
.background{ background-color:#0083B4 }
```

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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