

Converting Colors

Hex(0585B3)

Have a look what the booklet for
Hex(0585B3) contains.

Hex(0585B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0585B3)

Conversions

Conversions Part 1

Format	Color
Hex	0585B3
RGB	5, 133, 179
RGB Percent	2%, 52%, 70%
CMY	0.9804, 0.4784, 0.2980
CMYK	0.97, 0.26, 0.00, 0.30
HSL	196°, 95%, 36%
HSV	196°, 97%, 70%
XYZ	16.5868, 20.0620, 45.6460
YIQ	99.9720, -91.0540, -12.8300

Conversions

Conversions Part 2

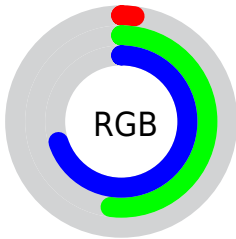
Format	Color
R _{YB}	5, 79, 179
Decimal	361907
CIE _{Lab}	51.91, -13.29, -32.60
CIE _{LCh}	52, 35.209, 247.820
Y _{xy}	20.0620, 0.2016, 0.2438
Android (android.graphics.Color)	4278551987 (0xFF0585B3)
YUV	99.9720, 38.9608, -83.2904
Hunter-Lab	44.7906, -12.2817, -29.0688

Details

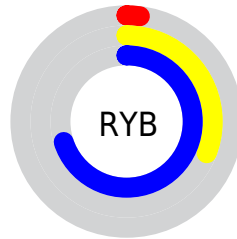
The Hex color **0585B3** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B33305**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5EBAEB**, and **00547E** is the 20% darker color. If you saturate the color by 10%, you get **0084B3**, and if you desaturate by 10%, it is **178AB3**.

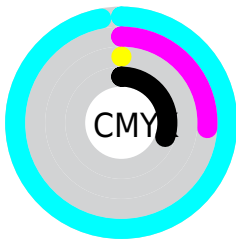
Distribution



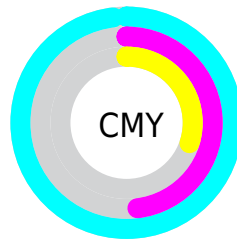
- Red (2%)
- Green (52%)
- Blue (70%)



- Red (2%)
- Yellow (31%)
- Blue (70%)



- Cyan (97%)
- Magenta (26%)
- Yellow (0%)
- Black (30%)



- Cyan (98%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0585B3 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 0585B3 by changing the saturation by 10% instead.

0585B3

0585B3

FFFFFF

006C98

5EBAEB

00547E

7DD6FF

003C65

9BF2FF

00274D

B9FFFF

001136

D7FFFF

000220

F5FFFF

000003

000000

0585B3

0585B3

■ 0084B3

■ 178AB3

■ 298EB3

■ 3B93B3

■ 4D98B3

■ 5F9DB3

■ 70A1B3

■ 82A6B3

■ 94ABB3

■ A6B0B3

Harmonies

Analogous

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



008AA0



0585B3



5A7CB7

Triad

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



0585B3



B56375



67854B

Complementary

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



0585B3



B33305

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.



877D3F



0585B3



B26858

Square

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



0585B3



A86793



A17244



3F8A64

Rectangle

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



0585B3



7B75B1



A17244



728245

Sweetspot

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



0585B3



A5D6E8



05B330



4C6A75



F5F5F5



757575

Same Dimension

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



0585B3



00ABE8



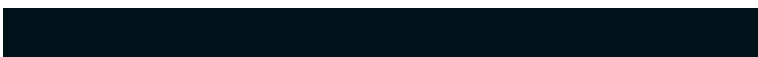
0530B3



505759



007199



00131A

Inverse Universe

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



B30585



E800AB



B38805



595057



990071



1A0013

Previews

White Background



This preview shows how the Hex color 0585B3 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



This preview shows how the Hex color 0585B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

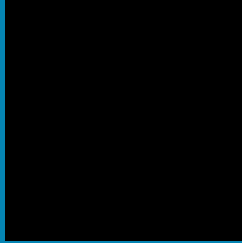
Any Text WCAG AA ✓ Pass

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 0585B3 Background



This preview shows how black text looks on a background with the Hex color 0585B3.

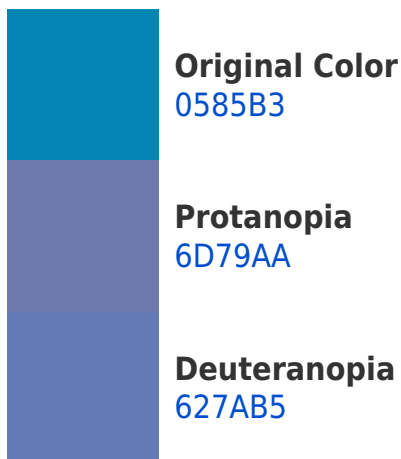


This preview shows how white text looks on a background with the Hex color 0585B3.

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
008993

Trichromacy



Original Color
0585B3

Protanomaly
477DAD

Deuteranomaly
407EB4

Tritanomaly
02889F

Monochromacy



Original Color
0585B3

Achromatopsia
646464

Achromatomaly
417081

CSS Examples

Text

The CSS property to change the color of the text to Hex 0585B3 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 #0585B3 looks like.

```
.text, #text, p{  
    color:#0585B3  
}
```

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 #0585B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0585B3
}
```

Border

The CSS property to change the border of an element to Hex 0585B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

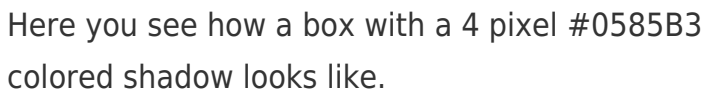
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0585B3 }
```

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

```
.border{ border-color:#0585B3 }
```

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



Here you see how a box with a 4 pixel #0585B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0585B3; -webkit-box-shadow:4px 4px  
4px 4px #0585B3; box-shadow:4px 4px 4px  
4px #0585B3 }
```

Background

The CSS property to change the background color of an element to Hex 0585B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0585B3 }
```

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

```
.background{ background-color:#0585B3 }
```

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