

Converting Colors

Hex(0385AB)

Have a look what the booklet for
Hex(0385AB) contains.

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Color

Hex(0385AB)

Conversions

Conversions Part 1

Format	Color
Hex	0385AB
RGB	3, 133, 171
RGB Percent	1%, 52%, 67%
CMY	0.9882, 0.4784, 0.3294
CMYK	0.98, 0.22, 0.00, 0.33
HSL	194°, 97%, 34%
HSV	194°, 98%, 67%
XYZ	15.7758, 19.7347, 41.5058
YIQ	98.4620, -89.6780, -15.7420

Conversions

Conversions Part 2

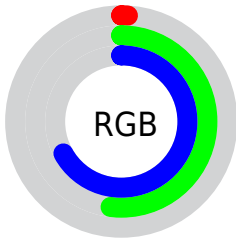
Format	Color
RYB	3, 76, 171
Decimal	230827
CIELab	51.54, -16.32, -28.57
CIELCh	52, 32.907, 240.264
Yxy	19.7347, 0.2048, 0.2562
Android (android.graphics.Color)	4278420907 (0xFF0385AB)
YUV	98.4620, 35.7612, -83.7202
Hunter-Lab	44.4237, -14.3526, -24.2989

Details

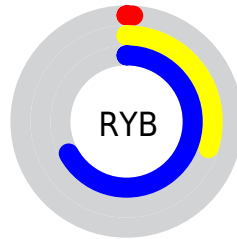
The Hex color **0385AB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB2903**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5CBAE2**, and **005377** is the 20% darker color. If you saturate the color by 10%, you get **0084AB**, and if you desaturate by 10%, it is **1489AB**.

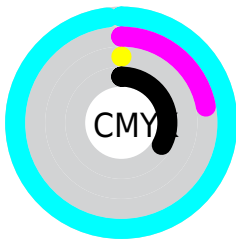
Distribution



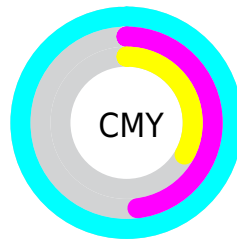
- Red (1%)
- Green (52%)
- Blue (67%)



- Red (1%)
- Yellow (30%)
- Blue (67%)



- Cyan (98%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (99%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0385AB 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 0385AB by changing the saturation by 10% instead.

 0385AB

 0385AB

FFFFFF

 006C90

 5CBAE2

 005377

 7AD6FF

 003C5E

 98F2FF

 002646

 B6FFFF

 000E2F

 D4FFFF

 00011A

 F2FFFF

 000000

 0385AB

 0385AB

 0084AB

 1489AB

■ 258DAB

■ 3691AB

■ 4794AB

■ 5898AB

■ 6A9CAB

■ 7BA0AB

■ 8CA4AB

■ 9DA8AB

Harmonies

Analogous

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



008996



0385AB



507EB3

Triad

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



0385AB



AF647C



6F8249

Complementary

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



0385AB



AB2903

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.



8C7942



0385AB



B06760

Square

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



0385AB



9E6A97



A36F4B



4D875E

Rectangle

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



0385AB



7077AF



A36F4B



7A7F45

Sweetspot

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



0385AB



9ECFDE



03AB27



496770



F0F0F0



707070

Same Dimension

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



0385AB



00ACDE



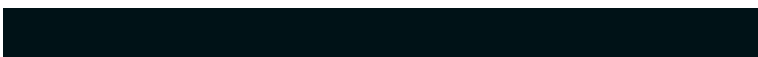
0333AB



4E5557



007496



001217

Inverse Universe

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



AB0385



DE00AC



AB7B03



574E55



960074



170012

Previews

White Background



This preview shows how the Hex color 0385AB looks on a white background.

Color Contrast Check

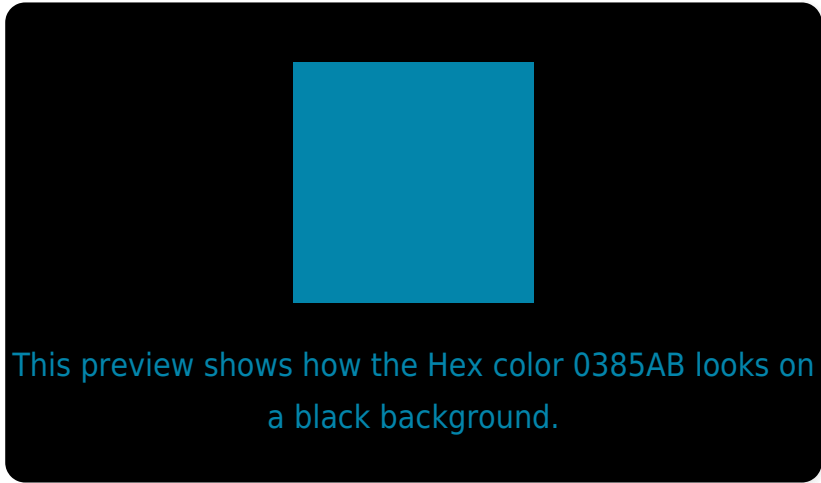
Large Text (above 18pt) WCAG AA ✓ Pass

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

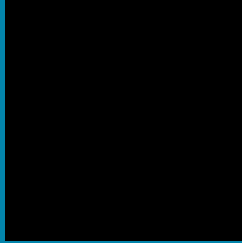
Any Text WCAG AA ✓ Pass

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 0385AB Background



This preview shows how black text looks on a background with the Hex color 0385AB.

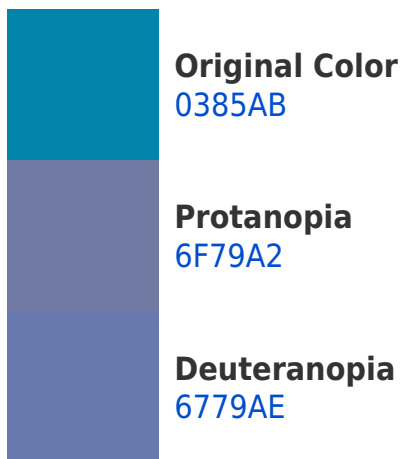


This preview shows how white text looks on a background with the Hex color 0385AB.

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
0385AB



Protanomaly
487DA5



Deuteranomaly
437DAD



Tritanomaly
01879B

Monochromacy



Original Color
0385AB



Achromatopsia
626262



Achromatomaly
3F6F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0385AB 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 #0385AB looks like.

```
.text, #text, p{  
    color:#0385AB  
}
```

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 #0385AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0385AB
}
```

Border

The CSS property to change the border of an element to Hex 0385AB 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
#0385AB }
```

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

```
.border{ border-color:#0385AB }
```

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

Here you see how a box with a 4 pixel #0385AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0385AB; -webkit-box-shadow:4px 4px  
4px 4px #0385AB; box-shadow:4px 4px 4px  
4px #0385AB }
```

Background

The CSS property to change the background color of an element to Hex 0385AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0385AB }
```

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

```
.background{ background-color:#0385AB }
```

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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