

Converting Colors

Hex(0085AB)

Have a look what the booklet for
Hex(0085AB) contains.

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Color

Hex(0085AB)

Conversions

Conversions Part 1

Format	Color
Hex	0085AB
RGB	0, 133, 171
RGB Percent	0%, 52%, 67%
CMY	1.0000, 0.4784, 0.3294
CMYK	1.00, 0.22, 0.00, 0.33
HSL	193°, 100%, 34%
HSV	193°, 100%, 67%
XYZ	15.7382, 19.7153, 41.5040
YIQ	97.5650, -91.4660, -16.3780

Conversions

Conversions Part 2

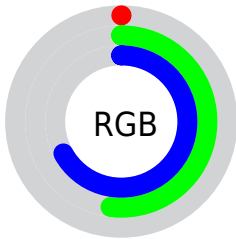
Format	Color
RYB	0, 75, 171
Decimal	34219
CIELab	51.51, -16.44, -28.61
CIELCh	52, 32.999, 240.110
Yxy	19.7153, 0.2045, 0.2562
Android (android.graphics.Color)	4278224299 (0xFF0085AB)
YUV	97.5650, 36.2035, -85.5645
Hunter-Lab	44.4020, -14.4343, -24.3390

Details

The Hex color **0085AB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB2600**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5BBAE2**, and **005377** is the 20% darker color. If you saturate the color by 10%, you get **0085AB**, and if you desaturate by 10%, it is **1189AB**.

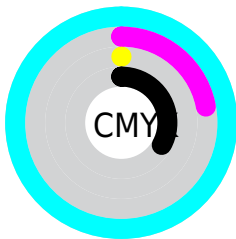
Distribution



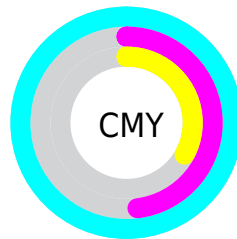
- Red (0%)
- Green (52%)
- Blue (67%)



- Red (0%)
- Yellow (29%)
- Blue (67%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0085AB 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 0085AB by changing the saturation by 10% instead.

 0085AB

 0085AB

FFFFFF

 006C90

 5BBAE2

 005377

 7AD6FF

 003C5E

 97F2FF

 002646

 B5FFFF

 000E2F


 D3FFFF

 00011A

 F1FFFF

 000000

 0085AB

 1189AB

 228DAB

 3390AB

 4494AB

 5598AB

 679CAB

 78A0AB

 89A3AB

 9AA7AB

Harmonies

Analogous

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



008996



0085AB



4F7EB3

Triad

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



0085AB



AF647C



6F8149

Complementary

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



0085AB



AB2600

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.



8D7942



0085AB



B06760

Square

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



0085AB



9E6997



A36F4B



4D875E

Rectangle

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



0085AB



7077B0



A36F4B



7A7F45

Sweetspot

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



0085AB



9BCFDE



00AB25



486770



F0F0F0



707070

Same Dimension

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



0085AB



00ADDE



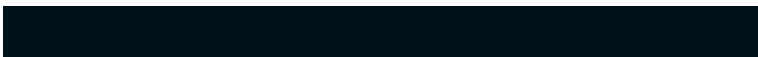
0030AB



4E5557



007596



001217

Inverse Universe

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



AB0085



DE00AD



AB7B00



574E55



960075



170012

Previews

White Background



This preview shows how the Hex color 0085AB looks on a white background.

Color Contrast Check

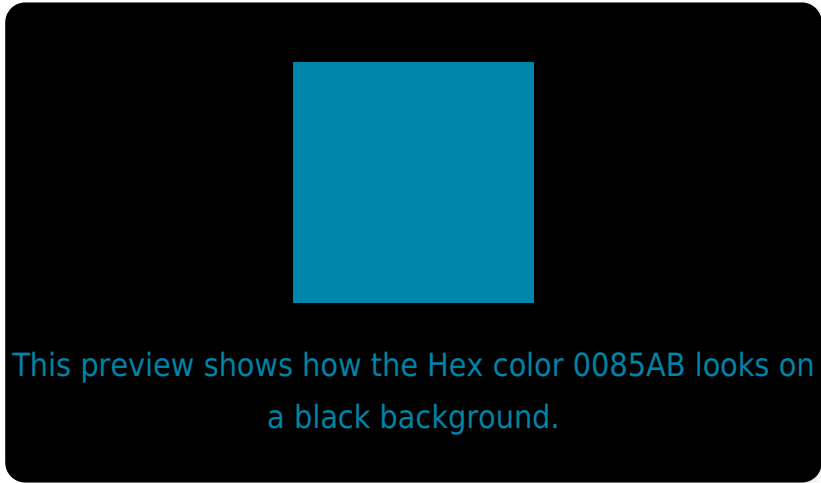
Large Text (above 18pt) WCAG AA ✓ Pass

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

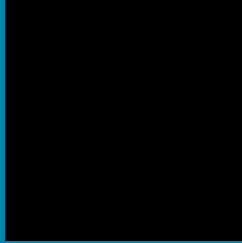
Any Text WCAG AA ✓ Pass

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 0085AB Background



This preview shows how black text looks on a background with the Hex color 0085AB.



This preview shows how white text looks on a background with the Hex color 0085AB.

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
0085AB



Protanomaly
477DA5



Deuteranomaly
427DAD



Tritanomaly
00879B

Monochromacy



Original Color
0085AB



Achromatopsia
626262



Achromatomaly
3E6F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0085AB 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 #0085AB looks like.

```
.text, #text, p{  
    color:#0085AB  
}
```

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 #0085AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0085AB
}
```

Border

The CSS property to change the border of an element to Hex 0085AB 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
#0085AB }
```

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

```
.border{ border-color:#0085AB }
```

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

Here you see how a box with a 4 pixel #0085AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0085AB; -webkit-box-shadow:4px 4px  
4px 4px #0085AB; box-shadow:4px 4px 4px  
4px #0085AB }
```

Background

The CSS property to change the background color of an element to Hex 0085AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0085AB }
```

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

```
.background{ background-color:#0085AB }
```

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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