

Converting Colors

Hex(06A0B1)

Have a look what the booklet for
Hex(06A0B1) contains.

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Color

Hex(06A0B1)

Conversions

Conversions Part 1

Format	Color
Hex	06A0B1
RGB	6, 160, 177
RGB Percent	2%, 63%, 69%
CMY	0.9765, 0.3725, 0.3059
CMYK	0.97, 0.10, 0.00, 0.31
HSL	186°, 93%, 36%
HSV	186°, 97%, 69%
XYZ	20.5817, 28.3547, 45.9832
YIQ	115.8920, -97.2410, -27.3610

Conversions

Conversions Part 2

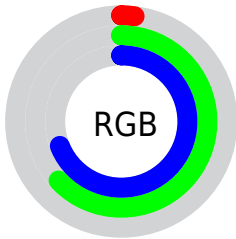
Format	Color
RYB	6, 87, 177
Decimal	434353
CIELab	60.21, -28.23, -18.66
CIElCh	60, 33.840, 213.463
Yxy	28.3547, 0.2168, 0.2987
Android (android.graphics.Color)	4278624433 (0xFF06A0B1)
YUV	115.8920, 30.1262, -96.3753
Hunter-Lab	53.2491, -24.1925, -13.9255

Details

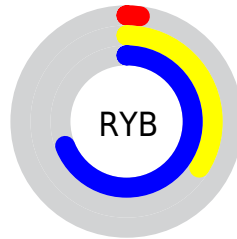
The Hex color **06A0B1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B11706**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **61D7E9**, and **006C7C** is the 20% darker color. If you saturate the color by 10%, you get **009FB1**, and if you desaturate by 10%, it is **18A2B1**.

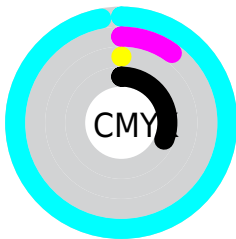
Distribution



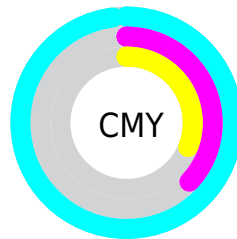
- Red (2%)
- Green (63%)
- Blue (69%)



- Red (2%)
- Yellow (34%)
- Blue (69%)



- Cyan (97%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)



- Cyan (98%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06A0B1 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 06A0B1 by changing the saturation by 10% instead.

06A0B1

06A0B1

FFFFFF

008696

61D7E9

006C7C

80F4FF

005363

9EFFFF

003C4C

BDFFFF

002635

DBFFFF

000320

F9FFFF

000004

000000

06A0B1

06A0B1

■ 009FB1

■ 18A2B1

■ 29A4B1

■ 3BA5B1

■ 4DA7B1

■ 5EA9B1

■ 70ABB1

■ 82ACB1

■ 94AEB1

■ A5B0B1

Harmonies

Analogous

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



33A194



06A0B1



359BC6

Triad

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



06A0B1



BA7EAC



A19055

Complementary

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



06A0B1



B11706

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.



BA865C



06A0B1



CA7A8F

Square

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



06A0B1



9988C3



C97D72



82995E

Rectangle

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



06A0B1



5A96CC



C97D72



AB8D56

Sweetspot

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



06A0B1



A3DFE6



06B114



4B6F73



F2F2F2



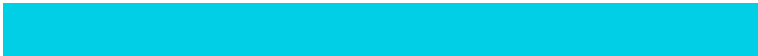
737373

Same Dimension

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



06A0B1



00CFE6



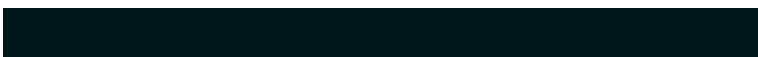
064DB1



505859



008A99



00171A

Inverse Universe

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



B106A0



E600CF



B16A06



595058



99008A



1A0017

Previews

White Background



This preview shows how the Hex color 06A0B1 looks on a white background.

Color Contrast Check

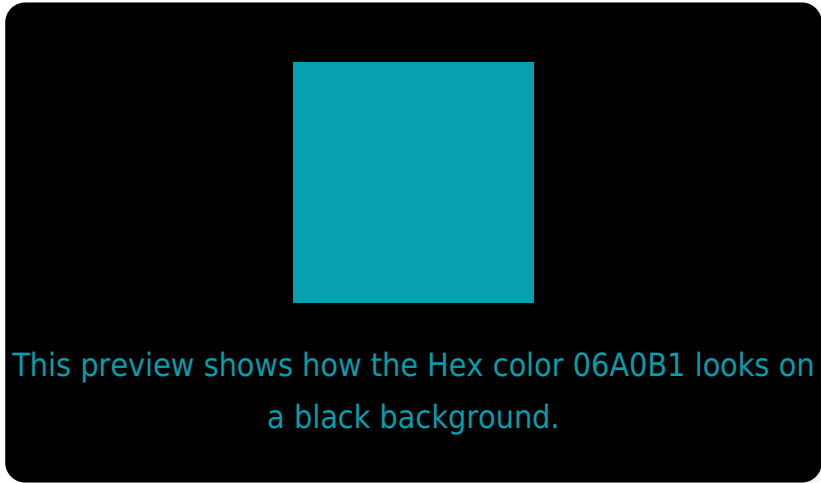
Large Text (above 18pt) WCAG AA ✓ Pass

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 06A0B1 Background



This preview shows how black text looks on a background with the Hex color 06A0B1.

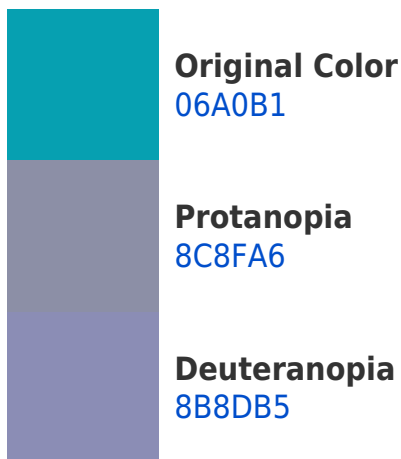


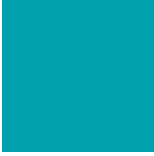
This preview shows how white text looks on a background with the Hex color 06A0B1.

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
00A0AD

Trichromacy



Original Color
06A0B1



Protanomaly
5B95AA



Deuteranomaly
5B94B4



Tritanomaly
02A0AE

Monochromacy



Original Color
06A0B1



Achromatopsia
747474



Achromatomaly
4C848A

CSS Examples

Text

The CSS property to change the color of the text to Hex 06A0B1 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 #06A0B1 looks like.

```
.text, #text, p{  
    color:#06A0B1  
}
```

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 #06A0B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06A0B1
}
```

Border

The CSS property to change the border of an element to Hex 06A0B1 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
#06A0B1 }
```

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

```
.border{ border-color:#06A0B1 }
```

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

Here you see how a box with a 4 pixel #06A0B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06A0B1; -webkit-box-shadow:4px 4px  
4px 4px #06A0B1; box-shadow:4px 4px 4px  
4px #06A0B1 }
```

Background

The CSS property to change the background color of an element to Hex 06A0B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06A0B1 }
```

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

```
.background{ background-color:#06A0B1 }
```

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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