

# Converting Colors

Hex(01A6B5)

Have a look what the booklet for  
Hex(01A6B5) contains.

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# Color

Hex(01A6B5)

# Conversions

## Conversions Part 1

Format	Color
Hex	01A6B5
RGB	1, 166, 181
RGB Percent	0%, 65%, 71%
CMY	0.9961, 0.3490, 0.2902
CMYK	0.99, 0.08, 0.00, 0.29
HSL	185°, 99%, 36%
HSV	185°, 99%, 71%
XYZ	21.9892, 30.6151, 48.4664
YIQ	118.3750, -103.1550, -30.3150

# Conversions

## Conversions Part 2

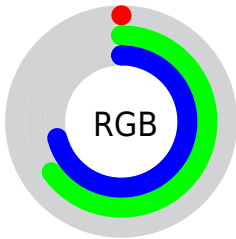
Format	Color
<a href="#">RYB</a>	<a href="#">1, 87, 181</a>
Decimal	<a href="#">108213</a>
CIELab	<a href="#">62.18, -30.04, -17.91</a>
CIELCh	<a href="#">62, 34.977, 210.802</a>
Yxy	<a href="#">30.6151, 0.2176, 0.3029</a>
Android (android.graphics.Color)	<a href="#">4278298293 (0xFF01A6B5)</a>
YUV	<a href="#">118.3750, 30.8741, -102.9379</a>
Hunter-Lab	<a href="#">55.3309, -25.8908, -13.2027</a>

# Details

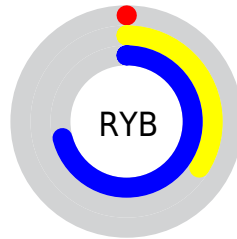
The Hex color **01A6B5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B51001**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **61DDED**, and **007280** is the 20% darker color. If you saturate the color by 10%, you get **00A6B5**, and if you desaturate by 10%, it is **13A8B5**.

# Distribution



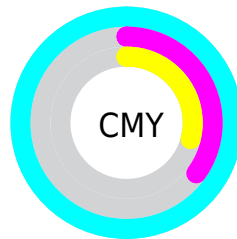
- Red (0%)
- Green (65%)
- Blue (71%)



- Red (0%)
- Yellow (34%)
- Blue (71%)



- Cyan (99%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (35%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01A6B5 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 01A6B5 by changing the saturation by 10% instead.





01A6B5



01A6B5

FFFFFF



008B9A



61DDED



007280



81FAFF



005967



A0FFFF



00414F



BEFFFF



002A38



DCFFFF



001023



FBFFFF



00000B



000000



01A6B5



01A6B5

■ 00A6B5

■ 13A8B5

■ 25A9B5

■ 37ABB5

■ 49ACB5

■ 5CAEB5

■ 6EAFB5

■ 80B1B5

■ 92B2B5

■ A4B4B5

# Harmonies

## Analogous

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



38A796



01A6B5



30A1CC

# Triad

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



01A6B5



BE83B5



AA9558

# Complementary

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



01A6B5



B51001

# 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.



C38A61



01A6B5



D07E97

# Square

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



01A6B5



9B8ECC



D18178



899E60

# Rectangle

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



01A6B5



589CD3



D18178



B39159



# Sweetspot

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



01A6B5



A4E5EB



01B510



4B7275



F5F5F5



757575



# Same Dimension

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



01A6B5



00D7EB



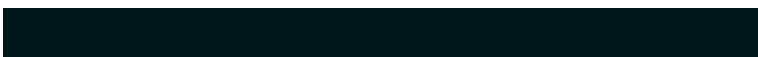
014CB5



505959



008C99



00171A



# Inverse Universe

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



B501A6



EB00D7



B56A01



595059



99008C



1A0017



# Previews

## White Background



This preview shows how the Hex color 01A6B5 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 01A6B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

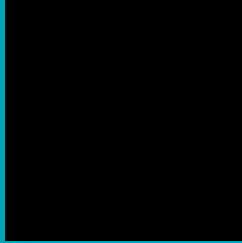
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 01A6B5 Background



This preview shows how black text looks on a background with the Hex color 01A6B5.

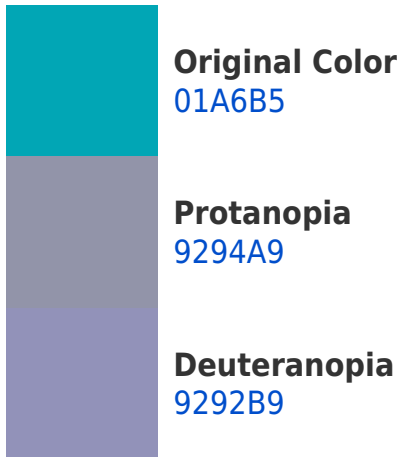


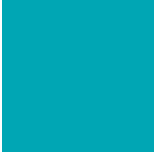
This preview shows how white text looks on a background with the Hex color 01A6B5.

# 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**  
00A6B4

# Trichromacy



**Original Color**  
01A6B5



**Protanomaly**  
5D9BAD



**Deuteranomaly**  
5D99B8



**Tritanomaly**  
00A6B4

# Monochromacy



**Original Color**  
01A6B5



**Achromatopsia**  
767676



**Achromatomaly**  
4B878D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01A6B5 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 #01A6B5 looks like.

```
.text, #text, p{  
    color:#01A6B5  
}
```

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 #01A6B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01A6B5
}
```

## Border

The CSS property to change the border of an element to Hex 01A6B5 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
#01A6B5 }
```

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

```
.border{ border-color:#01A6B5 }
```

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

Here you see how a box with a 4 pixel #01A6B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01A6B5; -webkit-box-shadow:4px 4px  
4px 4px #01A6B5; box-shadow:4px 4px 4px  
4px #01A6B5 }
```

# Background

The CSS property to change the background color of an element to Hex 01A6B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01A6B5 }
```

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

```
.background{ background-color:#01A6B5 }
```

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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