

Converting Colors

Hex(00A0C5)

Have a look what the booklet for
Hex(00A0C5) contains.

Hex(00A0C5)	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(00A0C5)

Conversions

Conversions Part 1

Format	Color
Hex	00A0C5
RGB	0, 160, 197
RGB Percent	0%, 63%, 77%
CMY	1.0000, 0.3725, 0.2275
CMYK	1.00, 0.19, 0.00, 0.23
HSL	191°, 100%, 39%
HSV	191°, 100%, 77%
XYZ	22.6488, 29.1728, 57.2605
YIQ	116.3780, -107.2370, -22.4130

Conversions

Conversions Part 2

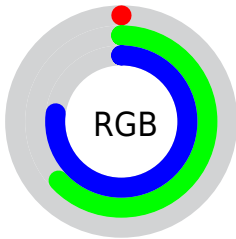
Format	Color
R _{YB}	0, 88, 197
Decimal	41157
CIE Lab	60.93, -21.63, -28.79
CIE LCh	61, 36.008, 233.085
Yxy	29.1728, 0.2076, 0.2674
Android (android.graphics.Color)	4278231237 (0xFF00A0C5)
YUV	116.3780, 39.7466, -102.0635
Hunter-Lab	54.0119, -19.6702, -25.0478

Details

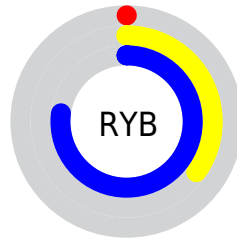
The Hex color **00A0C5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C52500**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **63D7FE**, and **006C8F** is the 20% darker color. If you saturate the color by 10%, you get **00A0C5**, and if you desaturate by 10%, it is **14A4C5**.

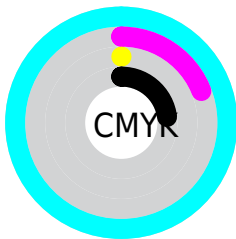
Distribution



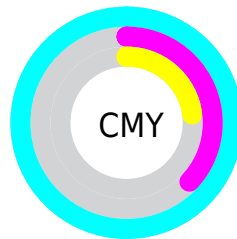
- Red (0%)
- Green (63%)
- Blue (77%)



- Red (0%)
- Yellow (35%)
- Blue (77%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A0C5 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 00A0C5 by changing the saturation by 10% instead.

 00A0C5

 00A0C5

FFFFFF

 0086AA

 63D7FE

 006C8F

 83F3FF

 005475

 A2FFFF

 003C5D

 C1FFFF

 002745

 DFFFFF

 000A2E

FEFFFF

 000119

 000000

 00A0C5

 14A4C5

 27A7C5

 3BABC5

 4FAFC5

 63B3C5

 76B6C5

 8ABAC5

 9EBEC5

 B1C1C5

Harmonies

Analogous

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



00A4AB



00A0C5



5598D2

Triad

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



00A0C5



CB7B9C



8F9957

Complementary

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



00A0C5



C52500

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.



AE8F53



00A0C5



D07B7C

Square

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



00A0C5



B482BA



C68361



6AA06C

Rectangle

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



00A0C5



7B91D1



C68361



9A9654

Sweetspot

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



00A0C5



B3F1FF



00C524



527780



000000



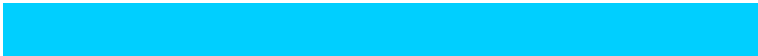
808080

Same Dimension

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



00A0C5



00CFFF



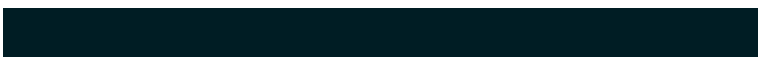
003EC5



5A6263



0085A3



001D24

Inverse Universe

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



C500A0



FF00CF



C58700



635A62



A30085



24001D

Previews

White Background



This preview shows how the Hex color 00A0C5 looks on a white background.

Color Contrast Check

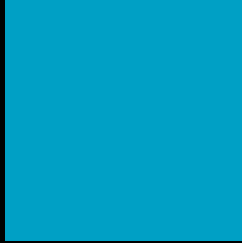
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A0C5 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 00A0C5 Background



This preview shows how black text looks on a background with the Hex color 00A0C5.

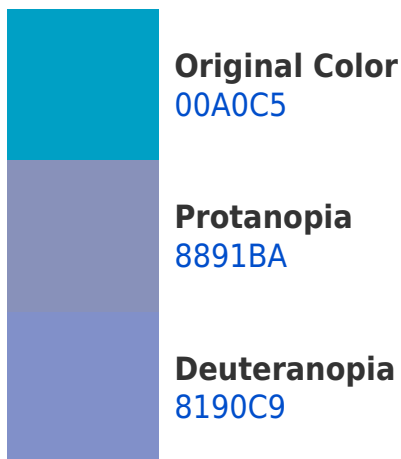


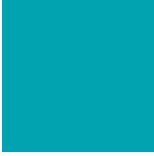
This preview shows how white text looks on a background with the Hex color 00A0C5.

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
00A3AF

Trichromacy



Original Color
00A0C5



Protanomaly
5796BE



Deuteranomaly
5296C8



Tritanomaly
00A2B7

Monochromacy



Original Color
00A0C5



Achromatopsia
747474



Achromatomaly
4A8491

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A0C5 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 #00A0C5 looks like.

```
.text, #text, p{  
    color:#00A0C5  
}
```

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 #00A0C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0C5
}
```

Border

The CSS property to change the border of an element to Hex 00A0C5 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
#00A0C5 }
```

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

```
.border{ border-color:#00A0C5 }
```

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

Here you see how a box with a 4 pixel #00A0C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0C5; -webkit-box-shadow:4px 4px  
4px 4px #00A0C5; box-shadow:4px 4px 4px  
4px #00A0C5 }
```

Background

The CSS property to change the background color of an element to Hex 00A0C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0C5 }
```

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

```
.background{ background-color:#00A0C5 }
```

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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