

Converting Colors

Hex(0099A5)

Have a look what the booklet for
Hex(0099A5) contains.

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Color

Hex(0099A5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0099A5 |
| RGB | 0, 153, 165 |
| RGB Percent | 0%, 60%, 65% |
| CMY | 1.0000, 0.4000, 0.3529 |
| CMYK | 1.00, 0.07, 0.00, 0.35 |
| HSL | 184°, 100%, 32% |
| HSV | 184°, 100%, 65% |
| XYZ | 18.1828, 25.4991, 39.5608 |
| YIQ | 108.6210, -95.0400, -28.7040 |

Conversions

Conversions Part 2

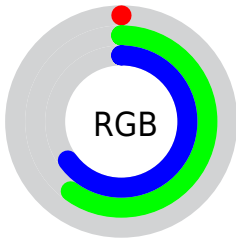
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 79, 165 |
| Decimal | 39333 |
| CIELab | 57.56, -28.96, -15.89 |
| CIELCh | 58, 33.034, 208.749 |
| Yxy | 25.4991, 0.2184, 0.3063 |
| Android (android.graphics.Color) | 4278229413 (0xFF0099A5) |
| YUV | 108.6210, 27.7948, -95.2606 |
| Hunter-Lab | 50.4966, -24.0950, -11.1022 |

Details

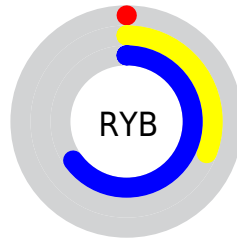
The Hex color **0099A5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A50C00**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5CD0DC**, and **006571** is the 20% darker color. If you saturate the color by 10%, you get **0099A5**, and if you desaturate by 10%, it is **109AA5**.

Distribution



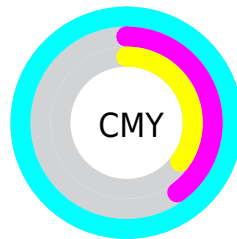
- Red (0%)
- Green (60%)
- Blue (65%)



- Red (0%)
- Yellow (31%)
- Blue (65%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)




- Cyan (100%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0099A5 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 0099A5 by changing the saturation by 10% instead.

 0099A5

 0099A5

FFFFFF

 007F8B

 5CD0DC

 006571

 7BECF9

 004D59

 99FFFF

 003641

 B7FFFF

 00222B

 D5FFFF

 000117

 F4FFFF

 000000

 0099A5

 109AA5

 219BA5

 329DA5

 429EA5

 529FA5

 63A0A5

 73A1A5

 84A3A5

 94A4A5

Harmonies

Analogous

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



369988



0099A5



2695BB

Triad

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



0099A5



AD79A9



9E8850

Complementary

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



0099A5



A50C00

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.



B57E5A



0099A5



C0748D

Square

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



0099A5



8C83BD



C17670



809157

Rectangle

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



0099A5



4C90C2



C17670



A78552

Sweetspot

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



0099A5



96D2D6



00A50B



45686B



EBEBEB



6B6B6B

Same Dimension

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



0099A5



00C7D6



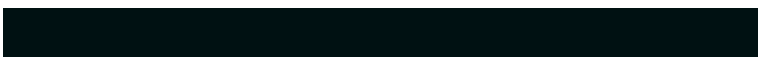
0048A5



495152



008791



001112

Inverse Universe

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



A50099



D600C7



A55D00



524951



910087



120011

Previews

White Background



This preview shows how the Hex color 0099A5 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 0099A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

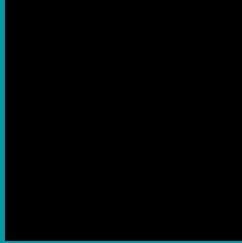
Any Text WCAG AA ✓ Pass

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 0099A5 Background



This preview shows how black text looks on a background with the Hex color 0099A5.

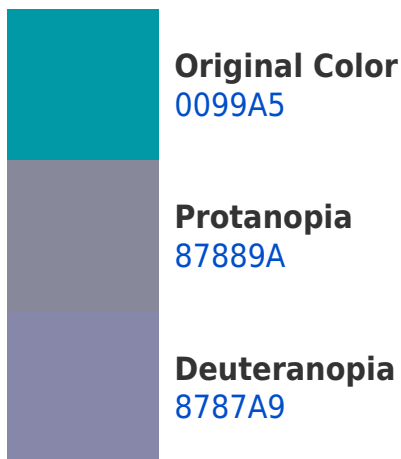


This preview shows how white text looks on a background with the Hex color 0099A5.

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



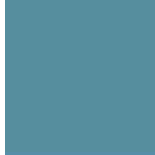


Tritanopia
0699A5

Trichromacy



Original Color
0099A5



Protanomaly
568E9E



Deuteranomaly
568EA8



Tritanomaly
0499A5

Monochromacy



Original Color
0099A5



Achromatopsia
6D6D6D



Achromatomaly
457D81

CSS Examples

Text

The CSS property to change the color of the text to Hex 0099A5 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 #0099A5 looks like.

```
.text, #text, p{  
    color:#0099A5  
}
```

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 #0099A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0099A5
}
```

Border

The CSS property to change the border of an element to Hex 0099A5 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
#0099A5 }
```

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

```
.border{ border-color:#0099A5 }
```

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

Here you see how a box with a 4 pixel #0099A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0099A5; -webkit-box-shadow:4px 4px  
4px 4px #0099A5; box-shadow:4px 4px 4px  
4px #0099A5 }
```

Background

The CSS property to change the background color of an element to Hex 0099A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0099A5 }
```

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

```
.background{ background-color:#0099A5 }
```

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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