

Converting Colors

Hex(00A694)

Have a look what the booklet for
Hex(00A694) contains.

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Color

Hex(00A694)

Conversions

Conversions Part 1

Format	Color
Hex	00A694
RGB	0, 166, 148
RGB Percent	0%, 65%, 58%
CMY	1.0000, 0.3490, 0.4196
CMYK	1.00, 0.00, 0.11, 0.35
HSL	173°, 100%, 33%
HSV	173°, 100%, 65%
XYZ	18.9815, 29.4106, 32.6933
YIQ	114.3140, -93.1580, -40.7900

Conversions

Conversions Part 2

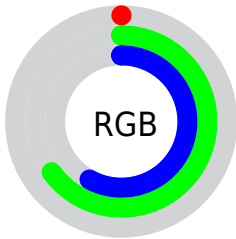
Format	Color
RYB	0, 88, 166
Decimal	42644
CIELab	61.14, -40.25, -0.92
CIELCh	61, 40.262, 181.312
Yxy	29.4106, 0.2341, 0.3627
Android (android.graphics.Color)	4278232724 (0xFF00A694)
YUV	114.3140, 16.6072, -100.2534
Hunter-Lab	54.2315, -32.4285, 2.2192

Details

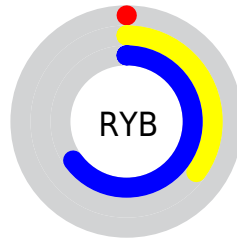
The Hex color **00A694** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A60012**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5DDECA**, and **007161** is the 20% darker color. If you saturate the color by 10%, you get **00A694**, and if you desaturate by 10%, it is **11A696**.

Distribution



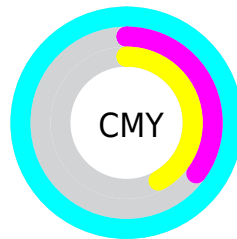
- Red (0%)
- Green (65%)
- Blue (58%)



- Red (0%)
- Yellow (35%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A694 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 00A694 by changing the saturation by 10% instead.

 00A694

 00A694

FFFFFF

 008B7A

 5DDECA

 007161

 7CFBE6

 00584A

 9AFFFF

 003F33

 B8FFFF

 002A1E


 D6FFFF

 000806

 F4FFFF

 000000

 00A694

 11A696

 21A698

 32A699

 42A69B

 53A69D

 64A69F

 74A6A1

 85A6A2

 95A6A4

Harmonies

Analogous

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



57A370



00A694



00A5B7

Triad

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



00A694



998AD0



C58556

Complementary

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



00A694



A60012

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.



D67A70



00A694



C17DB6

Square

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



00A694



5D97DA



D57793



A8924B

Rectangle

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



00A694



00A2CA



D57793



CC815D

Sweetspot

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



00A694



98D9D2



13A600



466E69



EDEDED



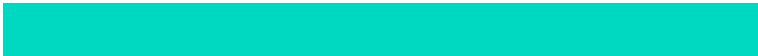
6E6E6E

Same Dimension

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



00A694



00D9C1



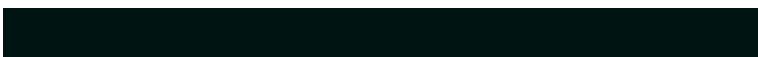
0066A6



4C5453



009484



001412

Inverse Universe

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



A60012



D90018



A64000



544C4D



940010



140002

Previews

White Background



This preview shows how the Hex color 00A694 looks on a white background.

Color Contrast Check

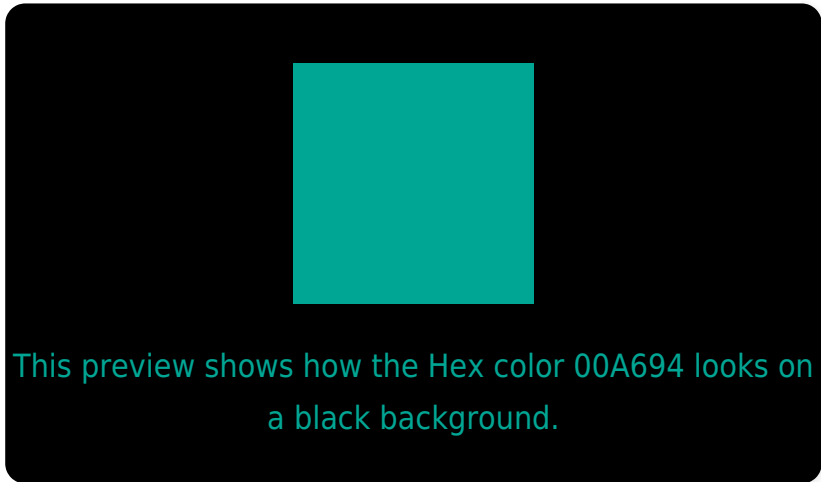
Large Text (above 18pt) WCAG AA ✓ Pass

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

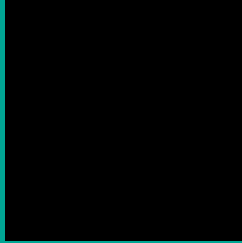
Any Text WCAG AA ✓ Pass

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 00A694 Background



This preview shows how black text looks on a background with the Hex color 00A694.

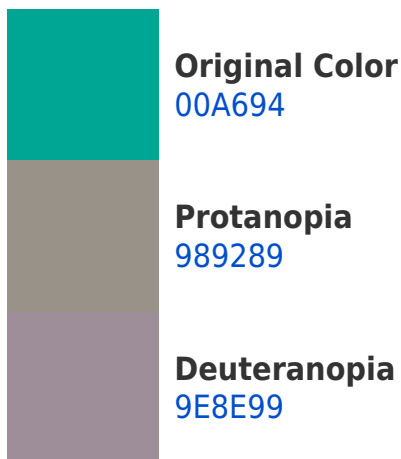


This preview shows how white text looks on a background with the Hex color 00A694.

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
2BA2AF

Trichromacy



Original Color
00A694



Protanomaly
61998D



Deuteranomaly
659797



Tritanomaly
1BA3A5

Monochromacy



Original Color
00A694



Achromatopsia
727272



Achromatomaly
49857E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A694 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 #00A694 looks like.

```
.text, #text, p{  
    color:#00A694  
}
```

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 #00A694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A694
}
```

Border

The CSS property to change the border of an element to Hex 00A694 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
#00A694 }
```

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

```
.border{ border-color:#00A694 }
```

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

Here you see how a box with a 4 pixel #00A694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A694; -webkit-box-shadow:4px 4px  
4px 4px #00A694; box-shadow:4px 4px 4px  
4px #00A694 }
```

Background

The CSS property to change the background color of an element to Hex 00A694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A694 }
```

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

```
.background{ background-color:#00A694 }
```

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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