

# Converting Colors

Hex(04A295)

Have a look what the booklet for  
Hex(04A295) contains.

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**Color**

**Hex(04A295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04A295
RGB	4, 162, 149
RGB Percent	2%, 64%, 58%
CMY	0.9843, 0.3647, 0.4157
CMYK	0.98, 0.00, 0.08, 0.36
HSL	175°, 95%, 33%
HSV	175°, 98%, 64%
XYZ	18.3952, 28.0364, 32.8758
YIQ	113.2760, -89.9950, -37.5390

# Conversions

## Conversions Part 2

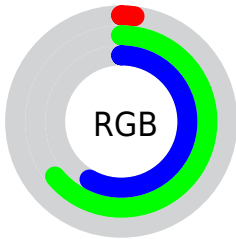
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 86, 162
Decimal	303765
CIELab	59.92, -38.03, -3.27
CIElCh	60, 38.171, 184.922
Yxy	28.0364, 0.2319, 0.3535
Android (android.graphics.Color)	4278493845 (0xFF04A295)
YUV	113.2760, 17.6119, -95.8351
Hunter-Lab	52.9494, -30.6486, 0.2520

# Details

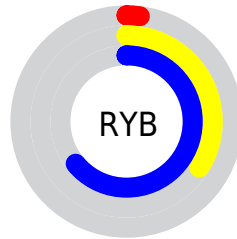
The Hex color **04A295** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A20411**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5DDACB**, and **006D62** is the 20% darker color. If you saturate the color by 10%, you get **00A295**, and if you desaturate by 10%, it is **14A296**.

# Distribution



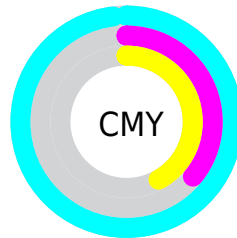
- Red (2%)
- Green (64%)
- Blue (58%)



- Red (2%)
- Yellow (34%)
- Blue (64%)



- Cyan (98%)
- Magenta (0%)
- Yellow (8%)
- Black (36%)



- Cyan (98%)
- Magenta (36%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04A295 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 04A295 by changing the saturation by 10% instead.



 04A295

 04A295


FFFFFF

 00877B

 5DDACB

 006D62

 7CF6E7

 00544B

 9AFFFF

 003C34

 B7FFFF

 00271F

 D5FFFF

 000008

 F4FFFF

 000000

 04A295

 04A295

 00A295

 14A296

 24A298

 35A299

 45A29A

 55A29C

 65A29D

 75A29E

 86A2A0

 96A2A1

# Harmonies

## Analogous

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



52A073



04A295



00A1B6

# Triad

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



04A295



9B86C8



BD8454

# Complementary

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



04A295



A20411

# 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.



CE7A6C



04A295



BF7AAE

# Square

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



04A295



6692D3



D0758C



A0904C

# Rectangle

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



04A295



009EC7



D0758C



C4815A



# Sweetspot

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



04A295



96D4CF



11A204



466B68



EBEBEB



6B6B6B

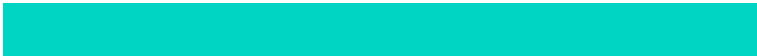


# Same Dimension

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



04A295



00D4C2



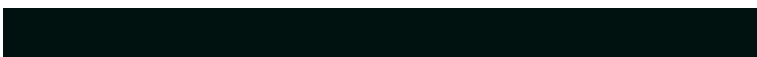
0460A2



495251



009185



001210



# Inverse Universe

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



A20411



D40011



A24604



52494A



91000C

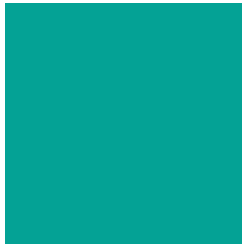


120001



# Previews

## White Background



This preview shows how the Hex color 04A295 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 04A295 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

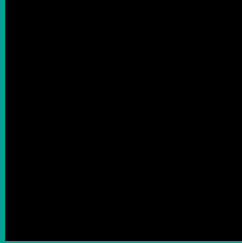
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 04A295 Background



This preview shows how black text looks on a background with the Hex color 04A295.

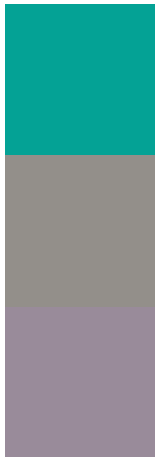


This preview shows how white text looks on a background with the Hex color 04A295.

# 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



**Original Color**  
04A295

**Protanopia**  
938F8A

**Deuteranopia**  
998B9A



# Trichromacy



**Original Color**  
04A295



**Protanomaly**  
5F968E



**Deuteranomaly**  
639398



**Tritanomaly**  
1AA0A4

# Monochromacy



**Original Color**  
04A295



**Achromatopsia**  
717171



**Achromatomaly**  
49837E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04A295 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 #04A295 looks like.

```
.text, #text, p{  
    color:#04A295  
}
```

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 #04A295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A295
}
```

## Border

The CSS property to change the border of an element to Hex 04A295 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
#04A295 }
```

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

```
.border{ border-color:#04A295 }
```

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

Here you see how a box with a 4 pixel #04A295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A295; -webkit-box-shadow:4px 4px  
4px 4px #04A295; box-shadow:4px 4px 4px  
4px #04A295 }
```

# Background

The CSS property to change the background color of an element to Hex 04A295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A295 }
```

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

```
.background{ background-color:#04A295 }
```

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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