

Converting Colors

Hex(04A174)

Have a look what the booklet for
Hex(04A174) contains.

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Color

Hex(04A174)

Conversions

Conversions Part 1

Format	Color
Hex	04A174
RGB	4, 161, 116
RGB Percent	2%, 63%, 45%
CMY	0.9843, 0.3686, 0.5451
CMYK	0.98, 0.00, 0.28, 0.37
HSL	163°, 95%, 32%
HSV	163°, 98%, 63%
XYZ	15.9473, 26.7765, 20.8509
YIQ	108.9270, -79.1270, -47.2790

Conversions

Conversions Part 2

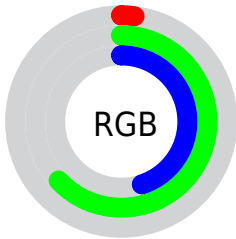
Format	Color
RYB	4, 96, 161
Decimal	303476
CIELab	58.77, -46.50, 13.63
CIELCh	59, 48.453, 163.663
Yxy	26.7765, 0.2508, 0.4212
Android (android.graphics.Color)	4278493556 (0xFF04A174)
YUV	108.9270, 3.4870, -92.0210
Hunter-Lab	51.7460, -35.5446, 12.3315

Details

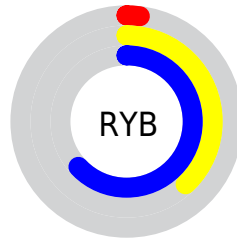
The Hex color **04A174** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A10431**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5AD9A8**, and **006C44** is the 20% darker color. If you saturate the color by 10%, you get **00A173**, and if you desaturate by 10%, it is **14A179**.

Distribution



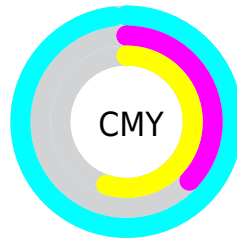
- Red (2%)
- Green (63%)
- Blue (45%)



- Red (2%)
- Yellow (38%)
- Blue (63%)



- Cyan (98%)
- Magenta (0%)
- Yellow (28%)
- Black (37%)



- Cyan (98%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04A174 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 04A174 by changing the saturation by 10% instead.

 04A174

 04A174

FFFFFF

 00865B

 5AD9A8

 006C44

 78F6C3

 00532D

 96FFDF

 003A18

 B4FFFC

 002500

 D1FFFF

 000000

 EFFFFFF

 04A174

 04A174

 00A173

 14A179

 24A17D

 34A182

 44A186

 54A18B

 65A190

 75A194

 85A199

 95A19E

Harmonies

Analogous

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



639B4D



04A174



00A3A0

Triad

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



04A174



678BE0



D37355

Complementary

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



04A174



A10431

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.



DD697C



04A174



A97ACB

Square

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



04A174



0098DF



D06CA6



B9833A

Rectangle

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



04A174



00A1BB



D06CA6



D96E61

Sweetspot

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



04A174



94D1C0



33A104



44695E



E8E8E8



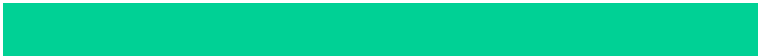
696969

Same Dimension

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



04A174



00D195



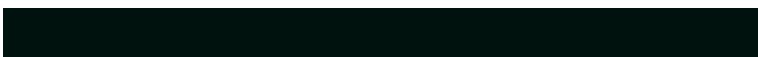
0482A1



49524F



009168



00120D

Inverse Universe

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



A10431



D1003C



A12304



52494C



91002A



120005

Previews

White Background



This preview shows how the Hex color 04A174 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 04A174 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 04A174 Background



This preview shows how black text looks on a background with the Hex color 04A174.

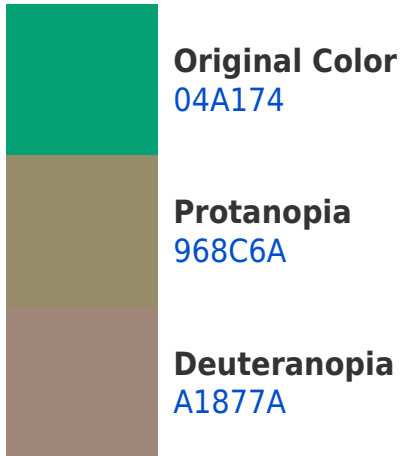


This preview shows how white text looks on a background with the Hex color 04A174.

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
359AA7

Trichromacy



Original Color

04A174



Protanomaly

61946E



Deuteranomaly

689078



Tritanomaly

239D94

Monochromacy



Original Color

04A174



Achromatopsia

6D6D6D



Achromatomaly

478070

CSS Examples

Text

The CSS property to change the color of the text to Hex 04A174 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 #04A174 looks like.

```
.text, #text, p{  
    color:#04A174  
}
```

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 #04A174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A174
}
```

Border

The CSS property to change the border of an element to Hex 04A174 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
#04A174 }
```

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

```
.border{ border-color:#04A174 }
```

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

Here you see how a box with a 4 pixel #04A174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A174; -webkit-box-shadow:4px 4px  
4px 4px #04A174; box-shadow:4px 4px 4px  
4px #04A174 }
```

Background

The CSS property to change the background color of an element to Hex 04A174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A174 }
```

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

```
.background{ background-color:#04A174 }
```

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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