

Converting Colors

Hex(01A275)

Have a look what the booklet for
Hex(01A275) contains.

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Color

Hex(01A275)

Conversions

Conversions Part 1

Format	Color
Hex	01A275
RGB	1, 162, 117
RGB Percent	0%, 64%, 46%
CMY	0.9961, 0.3647, 0.5412
CMYK	0.99, 0.00, 0.28, 0.36
HSL	163°, 99%, 32%
HSV	163°, 99%, 64%
XYZ	16.1437, 27.1315, 21.2157
YIQ	108.7310, -81.5110, -48.1270

Conversions

Conversions Part 2

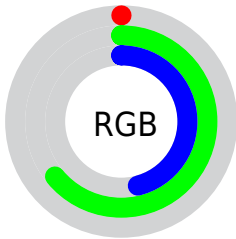
Format	Color
RYB	1, 95, 162
Decimal	107125
CIELab	59.10, -46.79, 13.53
CIELCh	59, 48.704, 163.874
Yxy	27.1315, 0.2503, 0.4207
Android (android.graphics.Color)	4278297205 (0xFF01A275)
YUV	108.7310, 4.0766, -94.4801
Hunter-Lab	52.0879, -35.8308, 12.3124

Details

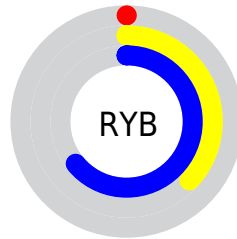
The Hex color **01A275** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A2012E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5ADAA9**, and **006D45** is the 20% darker color. If you saturate the color by 10%, you get **00A275**, and if you desaturate by 10%, it is **11A27A**.

Distribution



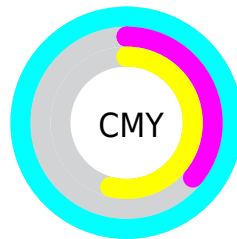
- Red (0%)
- Green (64%)
- Blue (46%)



- Red (0%)
- Yellow (37%)
- Blue (64%)



- Cyan (99%)
- Magenta (0%)
- Yellow (28%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01A275 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 01A275 by changing the saturation by 10% instead.

 01A275

 01A275

FFFFFF

 00875C

 5ADAA9

 006D45

 78F7C4

 00542E

 96FFE0

 003B19

 B3FFFD

 002600

 D1FFFF


 000000

 EFFFFFF

 01A275

 01A275

 00A275

 11A27A

 21A27E

 32A283

 42A287

 52A28C

 62A290

 72A295

 83A299

 93A29E

Harmonies

Analogous

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



649C4E



01A275



00A4A1

Triad

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



01A275



688CE1



D47455

Complementary

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



01A275



A2012E

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.



DE697C



01A275



AB7BCC

Square

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



01A275



0099E0



D16CA7



BA843A

Rectangle

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



01A275



00A2BD



D16CA7



DA6F61

Sweetspot

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



01A275



94D4C2



2FA201



456B60



EBEBEB



6B6B6B

Same Dimension

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



01A275



00D498



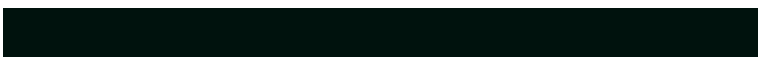
017FA2



49524F



009169



00120D

Inverse Universe

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



A2012E



D4003B



A22401



52494C



910029



120005

Previews

White Background



This preview shows how the Hex color 01A275 looks on a white background.

Color Contrast Check

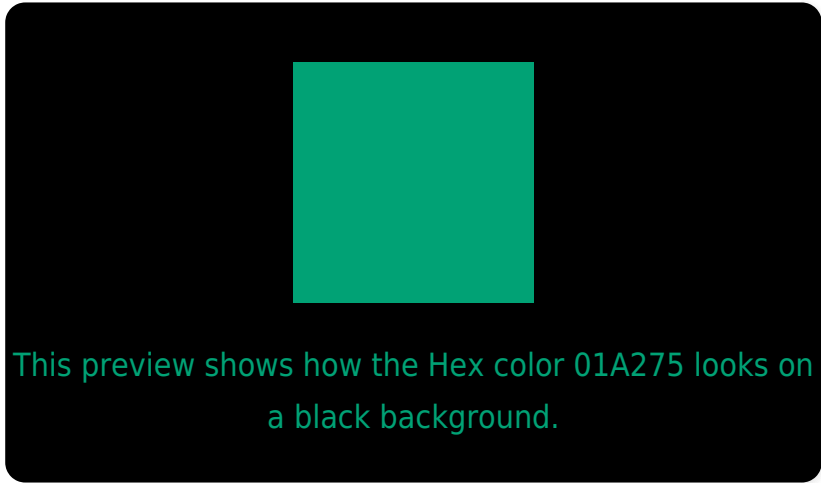
Large Text (above 18pt) WCAG AA ✓ Pass

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

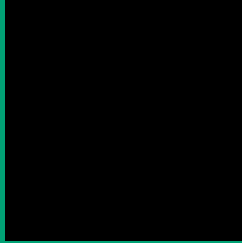
Any Text WCAG AA ✓ Pass

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 01A275 Background



This preview shows how black text looks on a background with the Hex color 01A275.

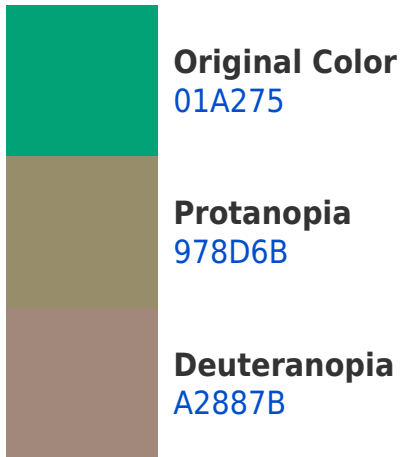


This preview shows how white text looks on a background with the Hex color 01A275.

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
359BA8

Trichromacy



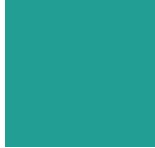
Original Color
01A275



Protanomaly
60956F



Deuteranomaly
679179



Tritanomaly
229E95

Monochromacy



Original Color
01A275



Achromatopsia
6D6D6D



Achromatomaly
468070

CSS Examples

Text

The CSS property to change the color of the text to Hex 01A275 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 #01A275 looks like.

```
.text, #text, p{  
    color:#01A275  
}
```

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 #01A275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01A275  
}
```

Border

The CSS property to change the border of an element to Hex 01A275 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  
#01A275 }
```

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

```
.border{ border-color:#01A275 }
```

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

Here you see how a box with a 4 pixel #01A275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01A275; -webkit-box-shadow:4px 4px  
4px 4px #01A275; box-shadow:4px 4px 4px  
4px #01A275 }
```

Background

The CSS property to change the background color of an element to Hex 01A275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01A275 }
```

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

```
.background{ background-color:#01A275 }
```

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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