

# Converting Colors

Hex(02A473)

Have a look what the booklet for  
Hex(02A473) contains.

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**Color**

**Hex(02A473)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02A473
RGB	2, 164, 115
RGB Percent	1%, 64%, 45%
CMY	0.9922, 0.3569, 0.5490
CMYK	0.99, 0.00, 0.30, 0.36
HSL	162°, 98%, 33%
HSV	162°, 99%, 64%
XYZ	16.3950, 27.8016, 20.7218
YIQ	109.9760, -80.8230, -49.5830

# Conversions

## Conversions Part 2

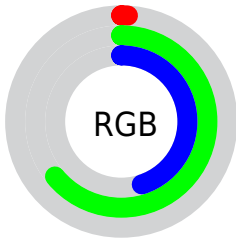
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 97, 164
Decimal	173171
CIELab	59.71, -48.00, 15.49
CIELCh	60, 50.440, 162.113
Yxy	27.8016, 0.2525, 0.4283
Android (android.graphics.Color)	4278363251 (0xFF02A473)
YUV	109.9760, 2.4768, -94.6950
Hunter-Lab	52.7273, -36.7699, 13.6081

# Details

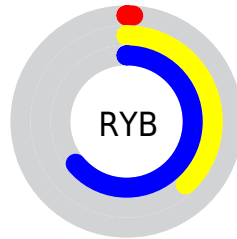
The Hex color **02A473** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A40233**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5ADCA7**, and **006F43** is the 20% darker color. If you saturate the color by 10%, you get **00A472**, and if you desaturate by 10%, it is **12A478**.

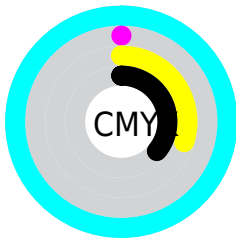
# Distribution



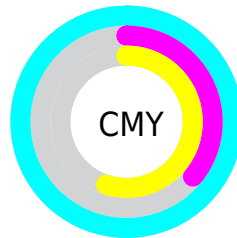
- Red (1%)
- Green (64%)
- Blue (45%)



- Red (1%)
- Yellow (38%)
- Blue (64%)



- Cyan (99%)
- Magenta (0%)
- Yellow (30%)
- Black (36%)



- Cyan (99%)
- Magenta (36%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02A473 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 02A473 by changing the saturation by 10% instead.



 02A473

 02A473

FFFFFF

 00895A

 5ADCA7

 006F43

 79F9C2

 00552C

 97FFDE

 003D17

 B4FFFB

 002700

 D2FFFF

 000000

 F0FFFF

 02A473

 02A473

 00A472

 12A478

 23A47D

 33A482

 44A487

 54A48C

 64A491

 75A496

 85A49B

 96A4A0

# Harmonies

## Analogous

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



679E4B



02A473



00A6A1

# Triad

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



02A473



618FE7



D97356

# Complementary

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



02A473



A40233

# 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.



E2697F



02A473



AA7DD2

# Square

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



02A473



009CE4



D36DAC



BF8439

# Rectangle

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



02A473



00A5BE



D36DAC



DF6F63



# Sweetspot

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



02A473



96D6C3



35A402



456B5F



EBEBEB



6B6B6B



# Same Dimension

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



02A473



00D695



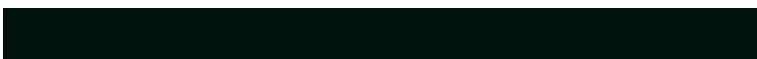
0286A4



49524F



009165



00120C



# Inverse Universe

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



A40233



D60041



A42002



52494C



91002C



120005



# Previews

## White Background



This preview shows how the Hex color 02A473 looks on a white background.

## Color Contrast Check

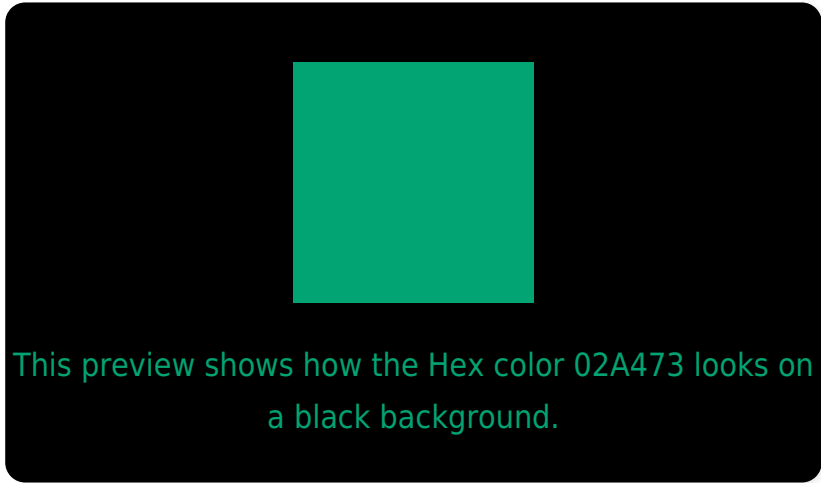
Large Text (above 18pt) WCAG AA ✓ Pass

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

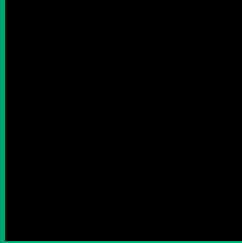
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 02A473 Background



This preview shows how black text looks on a background with the Hex color 02A473.



This preview shows how white text looks on a background with the Hex color 02A473.

# 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**  
02A473

**Protanopia**  
998F69

**Deuteranopia**  
A48979



**Tritanopia**  
379DAA

# Trichromacy



**Original Color**  
02A473



**Protanomaly**  
62976D



**Deuteranomaly**  
699377



**Tritanomaly**  
24A096

# Monochromacy



**Original Color**  
02A473



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
478270

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02A473 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 #02A473 looks like.

```
.text, #text, p{  
    color:#02A473  
}
```

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 #02A473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02A473
}
```

## Border

The CSS property to change the border of an element to Hex 02A473 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
#02A473 }
```

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

```
.border{ border-color:#02A473 }
```

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

Here you see how a box with a 4 pixel #02A473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02A473; -webkit-box-shadow:4px 4px  
4px 4px #02A473; box-shadow:4px 4px 4px  
4px #02A473 }
```

# Background

The CSS property to change the background color of an element to Hex 02A473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02A473 }
```

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

```
.background{ background-color:#02A473 }
```

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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