

# Converting Colors

Hex(01A23D)

Have a look what the booklet for  
Hex(01A23D) contains.

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# Color

**Hex(01A23D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01A23D
RGB	1, 162, 61
RGB Percent	0%, 64%, 24%
CMY	0.9961, 0.3647, 0.7608
CMYK	0.99, 0.00, 0.62, 0.36
HSL	142°, 99%, 32%
HSV	142°, 99%, 64%
XYZ	13.7752, 26.1840, 8.7429
YIQ	102.3470, -63.5350, -65.5430

# Conversions

## Conversions Part 2

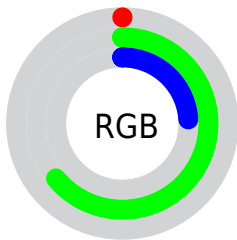
Format	Color
<b>RYB</b>	1, 118, 162
Decimal	107069
CIELab	58.21, -57.24, 41.67
CIELCh	58, 70.799, 143.948
Yxy	26.1840, 0.2828, 0.5376
Android (android.graphics.Color)	4278297149 (0xFF01A23D)
YUV	102.3470, -20.3841, -88.8813
Hunter-Lab	51.1703, -41.4956, 25.6890

# Details

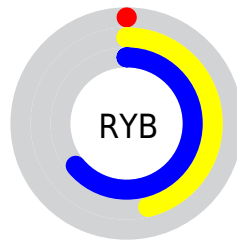
The Hex color **01A23D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A20166**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5ADA70**, and **006D05** is the 20% darker color. If you saturate the color by 10%, you get **00A23C**, and if you desaturate by 10%, it is **11A247**.

# Distribution



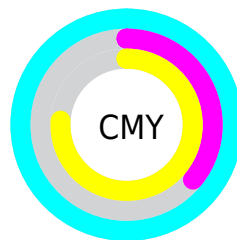
- Red (0%)
- Green (64%)
- Blue (24%)



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



- Cyan (99%)
- Magenta (0%)
- Yellow (62%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01A23D 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 01A23D by changing the saturation by 10% instead.



 01A23D

 01A23D

FFFFFF

 008724

 5ADA70

 006D05

 79F78A

 005300

 97FFA5

 003B00

 B4FFC1

 002300

 D2FFDD

 000000

 F0FFFA

 01A23D

 01A23D

 00A23C

 11A247

 21A251

 32A25B

 42A266

 52A270

 62A27A

 72A284

 83A28E

 93A298

# Harmonies

## Analogous

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



789700



01A23D



00A77D

# Triad

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



01A23D



0097FF



F74F5E

# Complementary

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



01A23D



A20166

# 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.



F3499B



01A23D



6E81FE

# Square

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



01A23D



00A3F0



CA63D6



DF6A24

# Rectangle

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



01A23D



00A8A8



CA63D6



F94972



# Sweetspot

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



01A23D



94D4AC



67A201



456B53



EBEBEB



6B6B6B



# Same Dimension

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



01A23D



00D44F



01A28D



49524C



009136



001207



# Inverse Universe

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



A20166



D40085



A20116



52494F



91005B



12000B



# Previews

## White Background



This preview shows how the Hex color 01A23D looks on a white background.

## Color Contrast Check

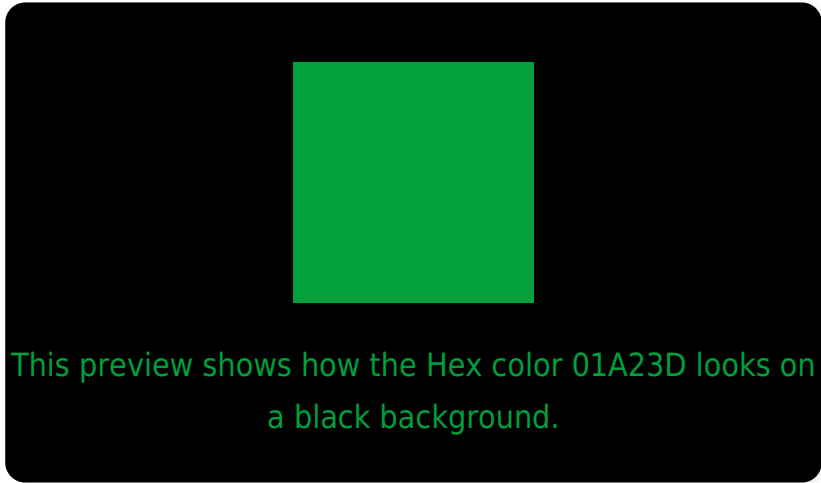
Large Text (above 18pt) WCAG AA ✓ Pass

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 01A23D Background



This preview shows how black text looks on a background with the Hex color 01A23D.



This preview shows how white text looks on a background with the Hex color 01A23D.

# 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**  
01A23D

**Protanopia**  
9B8B36

**Deuteranopia**  
AB8446



**Tritanopia**  
4198A4

# Trichromacy



**Original Color**

01A23D



**Protanomaly**

639339



**Deuteranomaly**

6D8F43



**Tritanomaly**

2A9C7F

# Monochromacy



**Original Color**

01A23D



**Achromatopsia**

666666



**Achromatomaly**

417C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01A23D 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 #01A23D looks like.

```
.text, #text, p{  
    color:#01A23D  
}
```

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 #01A23D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01A23D
}
```

## Border

The CSS property to change the border of an element to Hex 01A23D 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
#01A23D }
```

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

```
.border{ border-color:#01A23D }
```

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

Here you see how a box with a 4 pixel #01A23D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01A23D; -webkit-box-shadow:4px 4px  
4px 4px #01A23D; box-shadow:4px 4px 4px  
4px #01A23D }
```

# Background

The CSS property to change the background color of an element to Hex 01A23D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01A23D }
```

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

```
.background{ background-color:#01A23D }
```

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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