

# Converting Colors

Hex(10A376)

Have a look what the booklet for  
Hex(10A376) contains.

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# Color

Hex(10A376)

# Conversions

## Conversions Part 1

Format	Color
Hex	10A376
RGB	16, 163, 118
RGB Percent	6%, 64%, 46%
CMY	0.9373, 0.3608, 0.5373
CMYK	0.90, 0.00, 0.28, 0.36
HSL	162°, 82%, 35%
HSV	162°, 90%, 64%
XYZ	16.5809, 27.6126, 21.5954
YIQ	113.9170, -73.1670, -45.1590

# Conversions

## Conversions Part 2

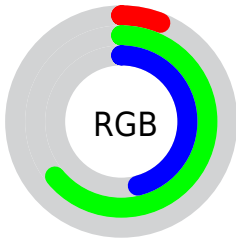
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 103, 163
Decimal	1090422
CIELab	59.54, -46.21, 13.60
CIELCh	60, 48.172, 163.600
Yxy	27.6126, 0.2520, 0.4197
Android (android.graphics.Color)	4279280502 (0xFF10A376)
YUV	113.9170, 2.0129, -85.8732
Hunter-Lab	52.5476, -35.6345, 12.4171

# Details

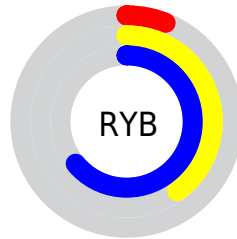
The Hex color **10A376** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A3103D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5EDBAA**, and **006E46** is the 20% darker color. If you saturate the color by 10%, you get **00A371**, and if you desaturate by 10%, it is **20A37B**.

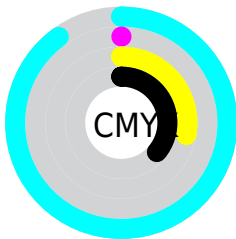
# Distribution



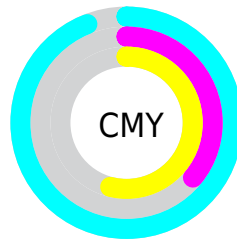
- Red (6%)
- Green (64%)
- Blue (46%)



- Red (6%)
- Yellow (40%)
- Blue (64%)



- Cyan (90%)
- Magenta (0%)
- Yellow (28%)
- Black (36%)



- Cyan (94%)
- Magenta (36%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10A376 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 10A376 by changing the saturation by 10% instead.



 10A376

 10A376

FFFFFF

 00885D

 5EDBAA

 006E46

 7CF8C6

 00552F

 99FFE2

 003C1A

 B7FFFE

 002700

 D4FFFF

 000000

 F3FFFF

 10A376

 10A376

 00A371

 20A37B

 31A380

 41A385

 51A38A

 62A38F

 72A394

 82A399

 92A39E

 A3A3A3

# Harmonies

## Analogous

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



669D4F



10A376



00A5A2

# Triad

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



10A376



698DE2



D57557

# Complementary

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



10A376



A3103D

# 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.



DE6B7E



10A376



AB7CCD

# Square

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



10A376



009AE0



D16EA8



BB853C

# Rectangle

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



10A376



00A3BD



D16EA8



DB7163



# Sweetspot

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



10A376



9BD4C2



3FA310



496B61



EBEBEB



6B6B6B



# Same Dimension

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



10A376



00D493



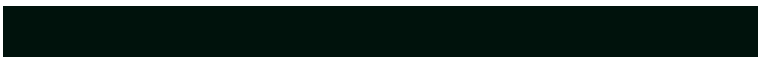
1088A3



49524F



009165



00120C



# Inverse Universe

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



A3103D



D40041



A32B10



52494C



91002C

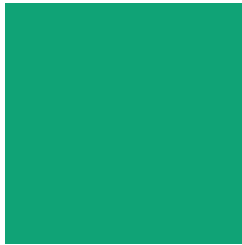


120005



# Previews

## White Background



This preview shows how the Hex color 10A376 looks on a white background.

## Color Contrast Check

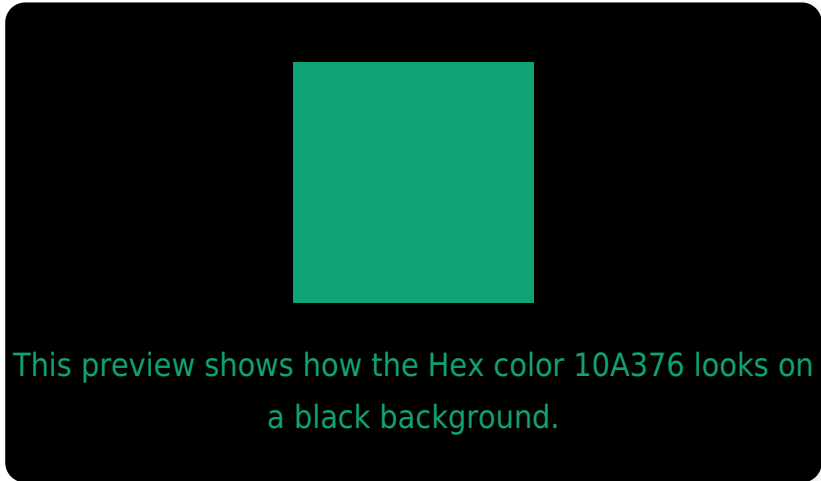
Large Text (above 18pt) WCAG AA ✓ Pass

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

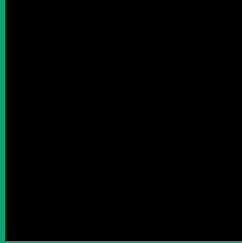
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 10A376 Background



This preview shows how black text looks on a background with the Hex color 10A376.



This preview shows how white text looks on a background with the Hex color 10A376.

# 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](#).

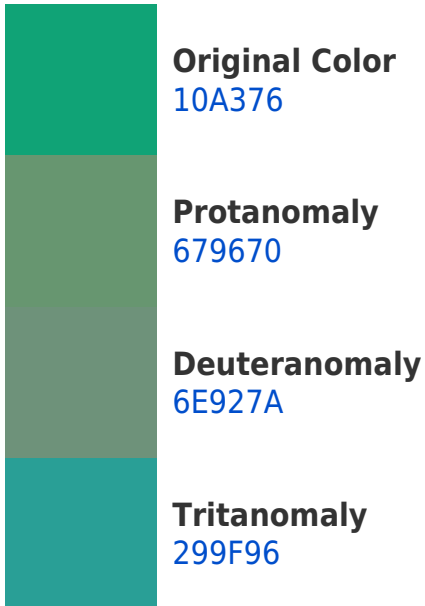
## Dichromacy



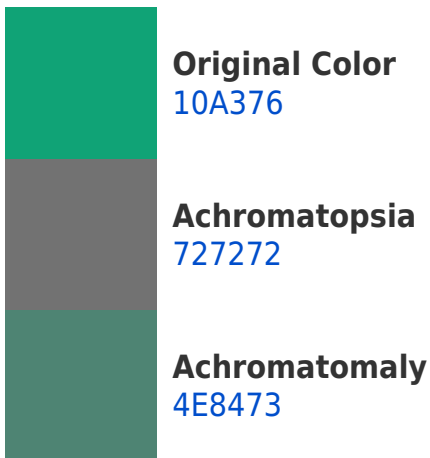


**Tritanopia**  
379CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10A376 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 #10A376 looks like.

```
.text, #text, p{  
    color:#10A376  
}
```

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 #10A376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A376  
}
```

## Border

The CSS property to change the border of an element to Hex 10A376 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  
#10A376 }
```

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

```
.border{ border-color:#10A376 }
```

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

Here you see how a box with a 4 pixel #10A376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A376; -webkit-box-shadow:4px 4px  
4px 4px #10A376; box-shadow:4px 4px 4px  
4px #10A376 }
```

# Background

The CSS property to change the background color of an element to Hex 10A376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A376 }
```

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

```
.background{ background-color:#10A376 }
```

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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