

Converting Colors

Hex(10A384)

Have a look what the booklet for
Hex(10A384) contains.

Hex(10A384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(10A384)

Conversions

Conversions Part 1

Format	Color
Hex	10A384
RGB	16, 163, 132
RGB Percent	6%, 64%, 52%
CMY	0.9373, 0.3608, 0.4824
CMYK	0.90, 0.00, 0.19, 0.36
HSL	167°, 82%, 35%
HSV	167°, 90%, 64%
XYZ	17.4757, 27.9705, 26.3076
YIQ	115.5130, -77.6610, -40.8050

Conversions

Conversions Part 2

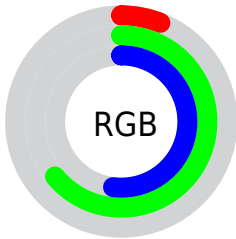
Format	Color
RYB	16, 98, 163
Decimal	1090436
CIELab	59.86, -42.67, 6.23
CIElCh	60, 43.127, 171.695
Yxy	27.9705, 0.2436, 0.3898
Android (android.graphics.Color)	4279280516 (0xFF10A384)
YUV	115.5130, 8.1281, -87.2729
Hunter-Lab	52.8871, -33.5699, 7.5285

Details

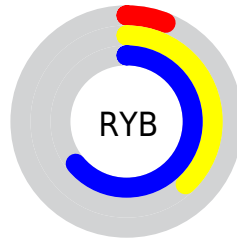
The Hex color **10A384** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A3102F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5EDBB9**, and **006E53** is the 20% darker color. If you saturate the color by 10%, you get **00A381**, and if you desaturate by 10%, it is **20A387**.

Distribution



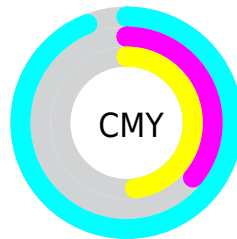
- Red (6%)
- Green (64%)
- Blue (52%)



- Red (6%)
- Yellow (38%)
- Blue (64%)



- Cyan (90%)
- Magenta (0%)
- Yellow (19%)
- Black (36%)



- Cyan (94%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10A384 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 10A384 by changing the saturation by 10% instead.



10A384



10A384

FFFFFF



00886B



5EDBB9



006E53



7DF8D5



00553C



9AFFF1



003D26



B8FFFF



002811



D6FFFF



000000



F4FFFF



10A384



10A384



00A381



20A387

 31A38B

 41A38E

 51A392

 62A395

 72A399

 82A39C

 92A39F

 A3A3A3

Harmonies

Analogous

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



5F9F60



10A384



00A3AB

Triad

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



10A384



838AD7



CB7D56

Complementary

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



10A384



A3102F

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.



D87276



10A384



B57CC0

Square

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



10A384



3097DB



D1729C



B08A44

Rectangle

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



10A384



00A2C2



D1729C



D17860

Sweetspot

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



10A384



9BD4C8



30A310



496B64



EBEBEB



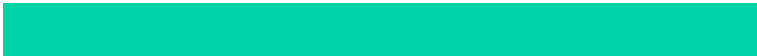
6B6B6B

Same Dimension

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



10A384



00D4A7



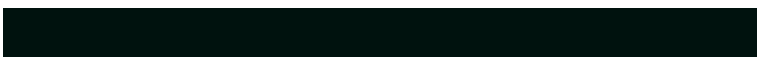
1079A3



495250



009173



00120E

Inverse Universe

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



A3102F



D4002D



A33A10



52494B



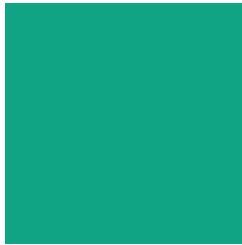
91001F



120004

Previews

White Background



This preview shows how the Hex color 10A384 looks on a white background.

Color Contrast Check

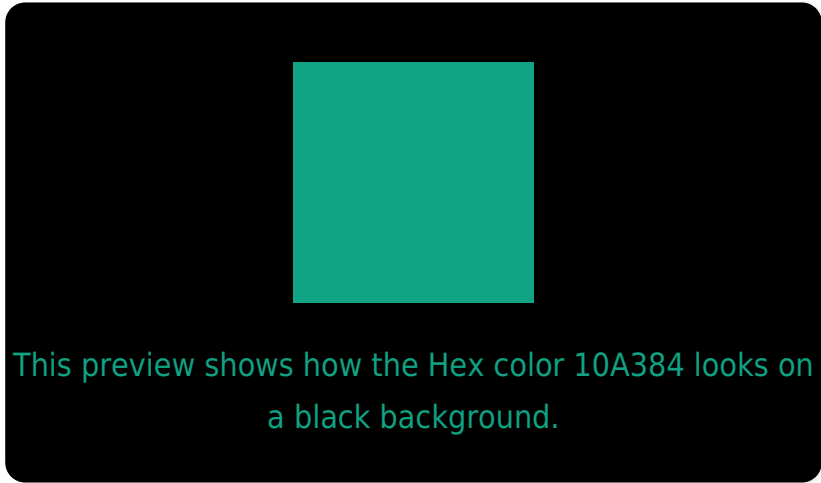
Large Text (above 18pt) WCAG AA ✓ Pass

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

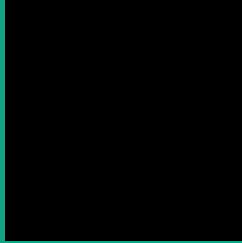
Any Text WCAG AA ✓ Pass

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 10A384 Background



This preview shows how black text looks on a background with the Hex color 10A384.

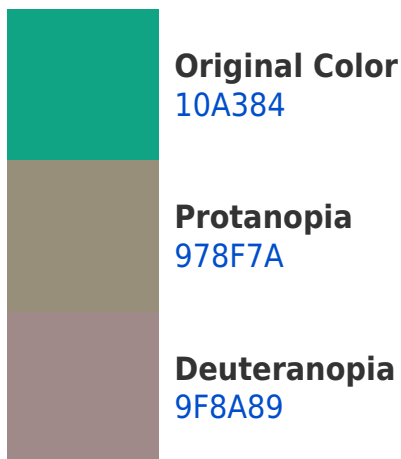


This preview shows how white text looks on a background with the Hex color 10A384.

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
329EAB

Trichromacy



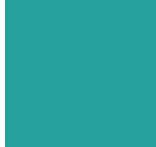
Original Color
10A384



Protanomaly
66967E



Deuteranomaly
6B9387



Tritanomaly
26A09D

Monochromacy



Original Color
10A384



Achromatopsia
747474



Achromatomaly
50857A

CSS Examples

Text

The CSS property to change the color of the text to Hex 10A384 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 #10A384 looks like.

```
.text, #text, p{  
    color:#10A384  
}
```

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 #10A384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A384
}
```

Border

The CSS property to change the border of an element to Hex 10A384 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
#10A384 }
```

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

```
.border{ border-color:#10A384 }
```

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

Here you see how a box with a 4 pixel #10A384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A384; -webkit-box-shadow:4px 4px  
4px 4px #10A384; box-shadow:4px 4px 4px  
4px #10A384 }
```

Background

The CSS property to change the background color of an element to Hex 10A384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A384 }
```

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

```
.background{ background-color:#10A384 }
```

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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