

Converting Colors

Hex(10A388)

Have a look what the booklet for
Hex(10A388) contains.

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Color

Hex(10A388)

Conversions

Conversions Part 1

Format	Color
Hex	10A388
RGB	16, 163, 136
RGB Percent	6%, 64%, 53%
CMY	0.9373, 0.3608, 0.4667
CMYK	0.90, 0.00, 0.17, 0.36
HSL	169°, 82%, 35%
HSV	169°, 90%, 64%
XYZ	17.7548, 28.0821, 27.7772
YIQ	115.9690, -78.9450, -39.5610

Conversions

Conversions Part 2

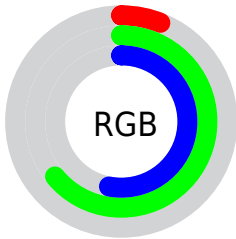
Format	Color
RYB	16, 97, 163
Decimal	1090440
CIELab	59.96, -41.60, 4.13
CIELCh	60, 41.808, 174.337
Yxy	28.0821, 0.2412, 0.3815
Android (android.graphics.Color)	4279280520 (0xFF10A388)
YUV	115.9690, 9.8753, -87.6728
Hunter-Lab	52.9926, -32.9317, 6.0167

Details

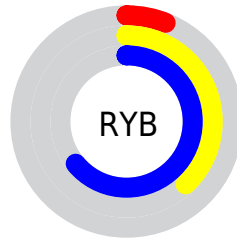
The Hex color **10A388** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A3102B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5FDBBD**, and **006E56** is the 20% darker color. If you saturate the color by 10%, you get **00A385**, and if you desaturate by 10%, it is **20A38B**.

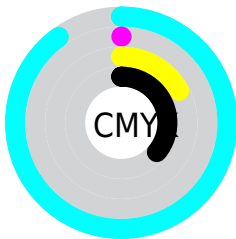
Distribution



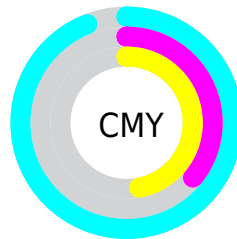
- Red (6%)
- Green (64%)
- Blue (53%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (17%)
- Black (36%)



- Cyan (94%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10A388 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 10A388 by changing the saturation by 10% instead.

 10A388

 10A388

FFFFFF

 00886F

 5FDBBD

 006E56

 7DF8D9

 00553F

 9BFFF5

 003D29

 B8FFF5

 002815

 D6FFF5

 000000

 F4FFF5

 10A388

 10A388

 00A385

 20A38B

 31A38E

 41A391

 51A394

 62A397

 72A39A

 82A39D

 92A3A0

 A3A3A3

Harmonies

Analogous

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



5D9F64



10A388



00A3AE

Triad

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



10A388



898AD4



C87F56

Complementary

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



10A388



A3102B

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.



D67474



10A388



B87CBC

Square

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



10A388



4196D9



D17399



AD8C46

Rectangle

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



10A388



00A1C3



D17399



CF7B5F

Sweetspot

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



10A388



9BD4C9



2DA310



496B65



EBEBEB



6B6B6B

Same Dimension

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



10A388



00D4AD



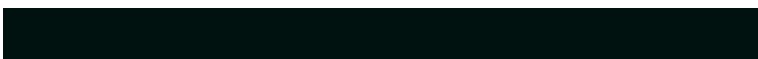
1077A3



495250



009177



00120F

Inverse Universe

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



A3102B



D40027



A33C10



52494B



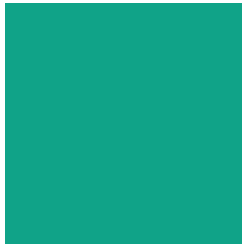
91001B



120003

Previews

White Background



This preview shows how the Hex color 10A388 looks on a white background.

Color Contrast Check

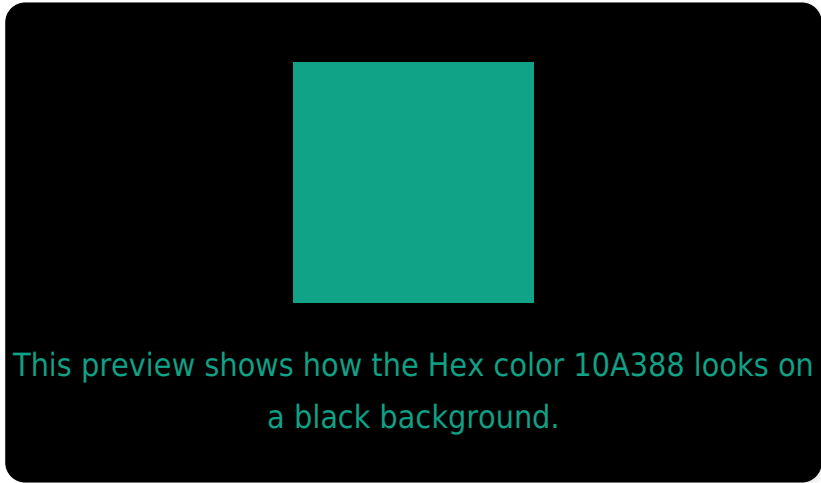
Large Text (above 18pt) WCAG AA ✓ Pass

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

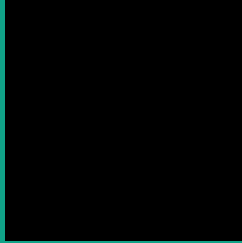
Any Text WCAG AA ✓ Pass

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 10A388 Background



This preview shows how black text looks on a background with the Hex color 10A388.

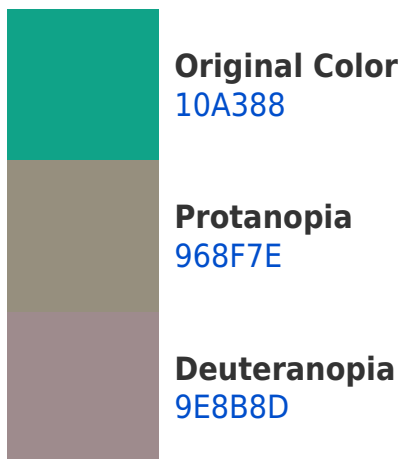


This preview shows how white text looks on a background with the Hex color 10A388.

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
319EAB

Trichromacy



Original Color
10A388



Protanomaly
659682



Deuteranomaly
6A948B



Tritanomaly
25A09E

Monochromacy



Original Color
10A388



Achromatopsia
747474



Achromatomaly
50857B

CSS Examples

Text

The CSS property to change the color of the text to Hex 10A388 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 #10A388 looks like.

```
.text, #text, p{  
    color:#10A388  
}
```

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 #10A388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A388
}
```

Border

The CSS property to change the border of an element to Hex 10A388 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
#10A388 }
```

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

```
.border{ border-color:#10A388 }
```

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

Here you see how a box with a 4 pixel #10A388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A388; -webkit-box-shadow:4px 4px  
4px 4px #10A388; box-shadow:4px 4px 4px  
4px #10A388 }
```

Background

The CSS property to change the background color of an element to Hex 10A388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A388 }
```

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

```
.background{ background-color:#10A388 }
```

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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