

# Converting Colors

Hex(10A28E)

Have a look what the booklet for  
Hex(10A28E) contains.

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# Color

**Hex(10A28E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10A28E
RGB	16, 162, 142
RGB Percent	6%, 64%, 56%
CMY	0.9373, 0.3647, 0.4431
CMYK	0.90, 0.00, 0.12, 0.36
HSL	172°, 82%, 35%
HSV	172°, 90%, 64%
XYZ	18.0165, 27.9038, 30.0276
YIQ	116.0660, -80.5960, -37.1720

# Conversions

## Conversions Part 2

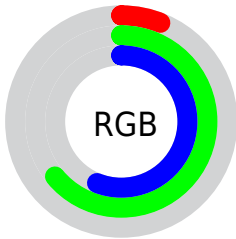
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 94, 162
Decimal	1090190
CIELab	59.80, -39.51, 0.51
CIELCh	60, 39.515, 179.259
Yxy	27.9038, 0.2372, 0.3674
Android (android.graphics.Color)	4279280270 (0xFF10A28E)
YUV	116.0660, 12.7855, -87.7579
Hunter-Lab	52.8241, -31.5618, 3.2737

# Details

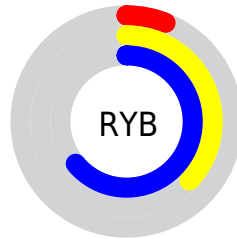
The Hex color **10A28E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A21024**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5FDAC4**, and **006D5C** is the 20% darker color. If you saturate the color by 10%, you get **00A28C**, and if you desaturate by 10%, it is **20A290**.

# Distribution



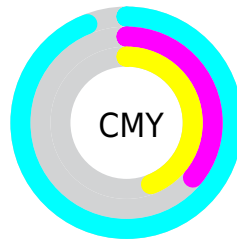
- Red (6%)
- Green (64%)
- Blue (56%)



- Red (6%)
- Yellow (37%)
- Blue (64%)



- Cyan (90%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)



- Cyan (94%)
- Magenta (36%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10A28E 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 10A28E by changing the saturation by 10% instead.



 10A28E

 10A28E

FFFFFF

 008774

 5FDAC4

 006D5C

 7DF6E0

 005444

 9BFFFC

 003C2E

 B9FFF

 00271A

 D6FFF

 000000

 F5FFF

 10A28E

 10A28E

 00A28C

 20A290

 30A292

 41A295

 51A297

 61A299

 71A29B

 81A29E

 92A2A0

 A2A2A2

# Harmonies

## Analogous

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



589F6B



10A28E



00A1B1

# Triad

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



10A28E



9287CD



C28155

# Complementary

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



10A28E



A21024

# 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.



D17770



10A28E



BB7BB4

# Square

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



10A28E



5594D5



D07492



A68E49

# Rectangle

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



10A28E



009FC4



D07492



C97D5D



# Sweetspot

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



10A28E



9BD4CC



26A210



496B66



EBEBEB



6B6B6B

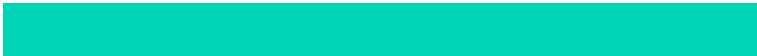


# Same Dimension

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



10A28E



00D4B7



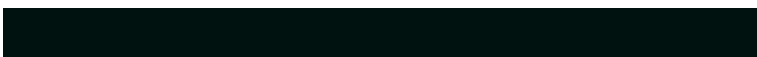
106FA2



495250



00917D



00120F



# Inverse Universe

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



A21024



D4001D



A24310



52494B



910014

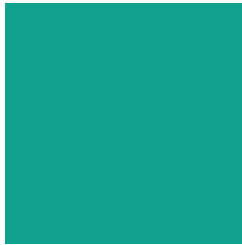


120002



# Previews

## White Background



This preview shows how the Hex color 10A28E looks on a white background.

## Color Contrast Check

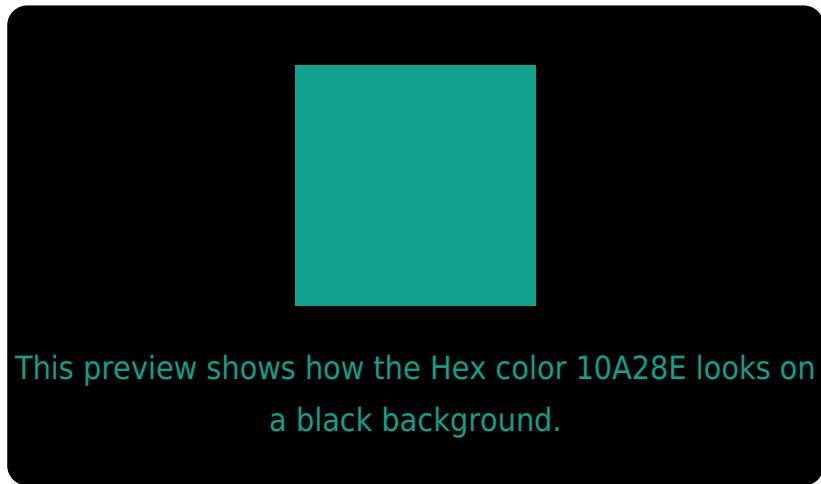
Large Text (above 18pt) WCAG AA ✓ Pass

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 10A28E Background



This preview shows how black text looks on a background with the Hex color 10A28E.

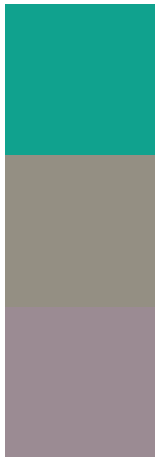


This preview shows how white text looks on a background with the Hex color 10A28E.

# 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**  
10A28E

**Protanopia**  
948F83

**Deuteranopia**  
9B8B93

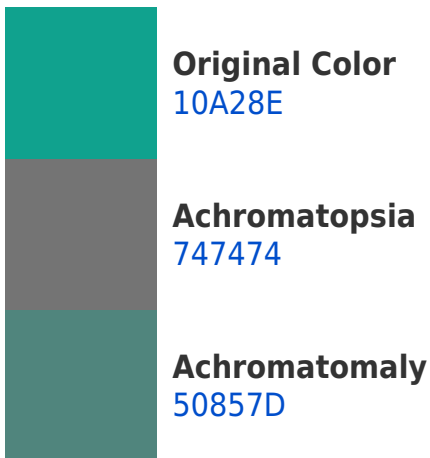


**Tritanopia**  
2D9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10A28E 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 #10A28E looks like.

```
.text, #text, p{  
    color:#10A28E  
}
```

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 #10A28E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A28E
}
```

## Border

The CSS property to change the border of an element to Hex 10A28E 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
#10A28E }
```

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

```
.border{ border-color:#10A28E }
```

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

Here you see how a box with a 4 pixel #10A28E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A28E; -webkit-box-shadow:4px 4px  
4px 4px #10A28E; box-shadow:4px 4px 4px  
4px #10A28E }
```

# Background

The CSS property to change the background color of an element to Hex 10A28E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A28E }
```

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

```
.background{ background-color:#10A28E }
```

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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