

Converting Colors

Hex(10A680)

Have a look what the booklet for
Hex(10A680) contains.

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Color

Hex(10A680)

Conversions

Conversions Part 1

Format	Color
Hex	10A680
RGB	16, 166, 128
RGB Percent	6%, 65%, 50%
CMY	0.9373, 0.3490, 0.4980
CMYK	0.90, 0.00, 0.23, 0.35
HSL	165°, 82%, 36%
HSV	165°, 90%, 65%
XYZ	17.7462, 28.9411, 25.0729
YIQ	116.8180, -77.2020, -43.6180

Conversions

Conversions Part 2

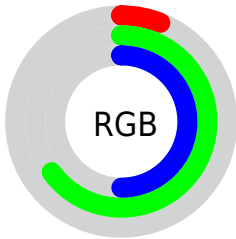
Format	Color
RYB	16, 102, 166
Decimal	1091200
CIELab	60.73, -44.96, 9.71
CIELCh	61, 45.991, 167.818
Yxy	28.9411, 0.2473, 0.4033
Android (android.graphics.Color)	4279281280 (0xFF10A680)
YUV	116.8180, 5.5127, -88.4174
Hunter-Lab	53.7969, -35.2622, 10.0248

Details

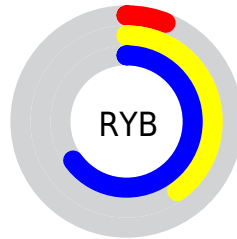
The Hex color **10A680** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A61036**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5FDEB5**, and **00714F** is the 20% darker color. If you saturate the color by 10%, you get **00A67C**, and if you desaturate by 10%, it is **21A684**.

Distribution



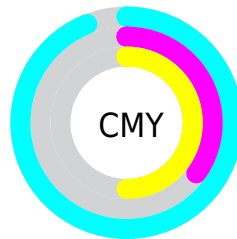
- Red (6%)
- Green (65%)
- Blue (50%)



- Red (6%)
- Yellow (40%)
- Blue (65%)



- Cyan (90%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)



- Cyan (94%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10A680 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 10A680 by changing the saturation by 10% instead.

 10A680

 10A680

FFFFFF

 008B67

 5FDEB5

 00714F

 7DFBD0

 005738

 9BFFED

 003F22

 B8FFFF

 002A0D

 D6FFFF

 000500

 F4FFFF

 000000

 10A680

 10A680

 00A67C

 21A684

 31A688

 42A68D

 52A691

 63A695

 74A699

 84A69D

 95A6A2

 A5A6A6

Harmonies

Analogous

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



64A15A



10A680



00A7AA

Triad

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



10A680



7A8EE0



D47C58

Complementary

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



10A680



A61036

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.



DF717C



10A680



B47EC9

Square

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



10A680



009CE1



D572A5



B88A41

Rectangle

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



10A680



00A5C3



D572A5



D97763

Sweetspot

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



10A680



9ED9CA



38A610



4B6E65



EDEDED



6E6E6E

Same Dimension

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



10A680



00D9A2



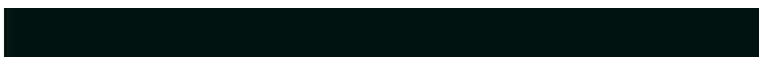
1083A6



4C5452



00946E



00140F

Inverse Universe

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



A61036



D90037



A63310



544C4E



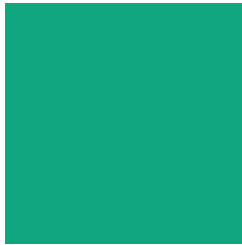
940025



140005

Previews

White Background



This preview shows how the Hex color 10A680 looks on a white background.

Color Contrast Check

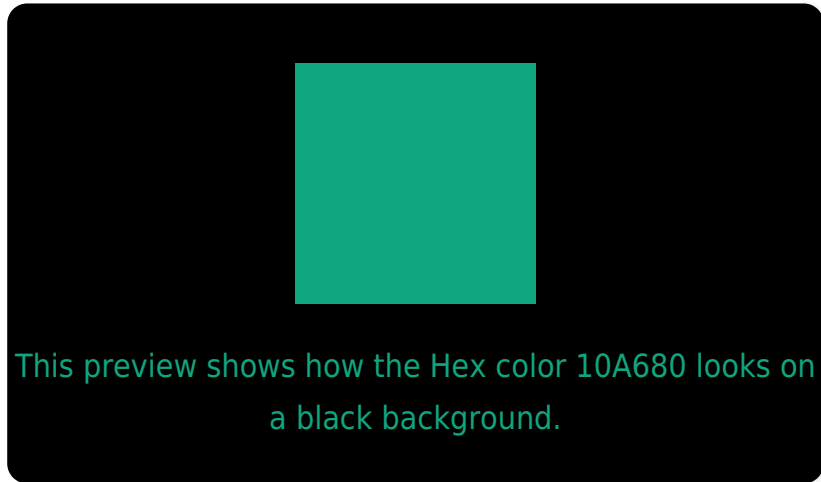
Large Text (above 18pt) WCAG AA ✓ Pass

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

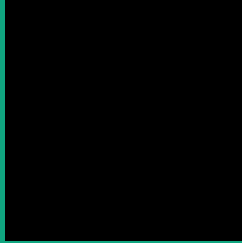
Any Text WCAG AA ✓ Pass

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 10A680 Background



This preview shows how black text looks on a background with the Hex color 10A680.

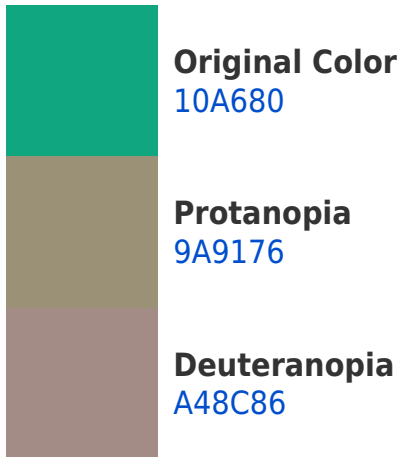


This preview shows how white text looks on a background with the Hex color 10A680.

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
36A0AD

Trichromacy



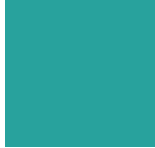
Original Color
10A680



Protanomaly
68997A



Deuteranomaly
6E9584



Tritanomaly
28A29D

Monochromacy



Original Color
10A680



Achromatopsia
757575



Achromatomaly
508779

CSS Examples

Text

The CSS property to change the color of the text to Hex 10A680 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 #10A680 looks like.

```
.text, #text, p{  
    color:#10A680  
}
```

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 #10A680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A680
}
```

Border

The CSS property to change the border of an element to Hex 10A680 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
#10A680 }
```

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

```
.border{ border-color:#10A680 }
```

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

Here you see how a box with a 4 pixel #10A680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A680; -webkit-box-shadow:4px 4px  
4px 4px #10A680; box-shadow:4px 4px 4px  
4px #10A680 }
```

Background

The CSS property to change the background color of an element to Hex 10A680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A680 }
```

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

```
.background{ background-color:#10A680 }
```

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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