

Converting Colors

Hex(10D6A2)

Have a look what the booklet for
Hex(10D6A2) contains.

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Color

Hex(10D6A2)

Conversions

Conversions Part 1

Format	Color
Hex	10D6A2
RGB	16, 214, 162
RGB Percent	6%, 84%, 64%
CMY	0.9373, 0.1608, 0.3647
CMYK	0.93, 0.00, 0.24, 0.16
HSL	164°, 86%, 45%
HSV	164°, 93%, 84%
XYZ	30.7818, 50.8119, 42.3677
YIQ	148.8700, -101.3160, -58.1480

Conversions

Conversions Part 2

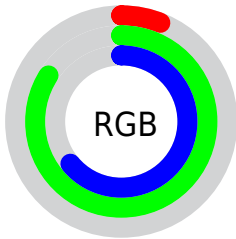
Format	Color
R _{YB}	16, 130, 214
Decimal	1103522
CIE Lab	76.56, -55.62, 13.58
CIE LCh	77, 57.257, 166.277
Yxy	50.8119, 0.2483, 0.4099
Android (android.graphics.Color)	4279293602 (0xFF10D6A2)
YUV	148.8700, 6.4731, -116.5270
Hunter-Lab	71.2825, -47.6629, 14.6579

Details

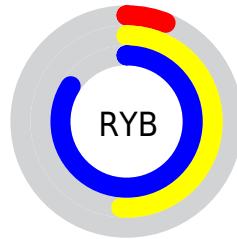
The Hex color **10D6A2** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D61044**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6CFFD9**, and **009E6E** is the 20% darker color. If you saturate the color by 10%, you get **00D69E**, and if you desaturate by 10%, it is **25D6A8**.

Distribution



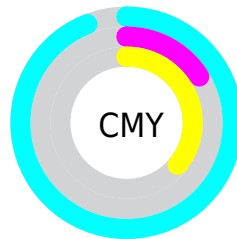
- Red (6%)
- Green (84%)
- Blue (64%)



- Red (6%)
- Yellow (51%)
- Blue (84%)



- Cyan (93%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)



- Cyan (94%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10D6A2 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 10D6A2 by changing the saturation by 10% instead.

 10D6A2

 10D6A2

FFFFFF

 00BA88

 6CFFD9

 009E6E

 8DFFF5

 008356

 ACFFFF

 00693E

 CBFFFF

 004F28

 EAFFFF

 003714

 001F00

 000000

 10D6A2

 10D6A2

 00D69E

 25D6A8

 3BD6AD

 50D6B3

 66D6B8

 7BD6BE

 90D6C4

 A6D6C9

 BBD6CF

 D1D6D5

Harmonies

Analogous

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



83CF71



10D6A2



00D8D9

Triad

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



10D6A2



97B8FF



FF9E72

Complementary

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



10D6A2



D61044

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.



FF90A2



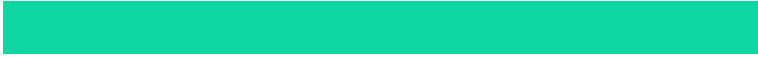
10D6A2



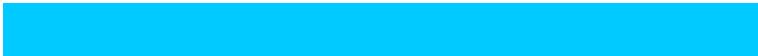
E5A3FF

Square

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



10D6A2



00CAFF



FF93D8



F0B154

Rectangle

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



10D6A2



00D6FA



FF93D8



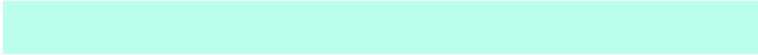
FF9881

Sweetspot

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



10D6A2



B8FFEC



45D610



548074



000000



808080

Same Dimension

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



10D6A2



00FFBC



10A8D6



606B68



00AB7E



002B20

Inverse Universe

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



D61044



FF0043



D63E10



6B6063



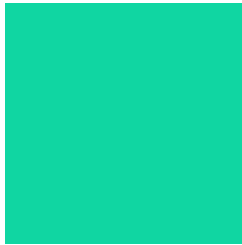
AB002D



2B000B

Previews

White Background



This preview shows how the Hex color 10D6A2 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 10D6A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

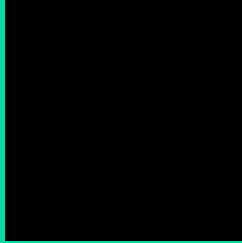
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

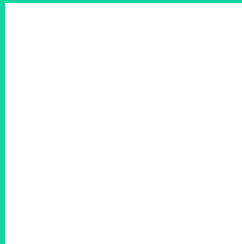
Any Text WCAG AAA ✓ Pass

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

Hex 10D6A2 Background



This preview shows how black text looks on a background with the Hex color 10D6A2.

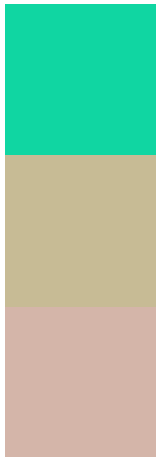


This preview shows how white text looks on a background with the Hex color 10D6A2.

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](#).

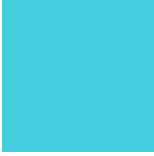
Dichromacy



Original Color
10D6A2

Protanopia
C7BB95

Deuteranopia
D4B5A9



Tritanopia
45CEDF

Trichromacy



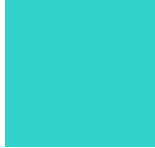
Original Color
10D6A2



Protanomaly
84C59A



Deuteranomaly
8DC1A6



Tritanomaly
32D1C9

Monochromacy



Original Color
10D6A2



Achromatopsia
959595



Achromatomaly
65AD9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 10D6A2 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 #10D6A2 looks like.

```
.text, #text, p{  
    color:#10D6A2  
}
```

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 #10D6A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10D6A2
}
```

Border

The CSS property to change the border of an element to Hex 10D6A2 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
#10D6A2 }
```

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

```
.border{ border-color:#10D6A2 }
```

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

Here you see how a box with a 4 pixel #10D6A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10D6A2; -webkit-box-shadow:4px 4px  
4px 4px #10D6A2; box-shadow:4px 4px 4px  
4px #10D6A2 }
```

Background

The CSS property to change the background color of an element to Hex 10D6A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10D6A2 }
```

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

```
.background{ background-color:#10D6A2 }
```

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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