

Converting Colors

Hex(12ABA8)

Have a look what the booklet for
Hex(12ABA8) contains.

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Color

Hex(12ABA8)

Conversions

Conversions Part 1

Format	Color
Hex	12ABA8
RGB	18, 171, 168
RGB Percent	7%, 67%, 66%
CMY	0.9294, 0.3294, 0.3412
CMYK	0.89, 0.00, 0.02, 0.33
HSL	179°, 81%, 37%
HSV	179°, 89%, 67%
XYZ	21.8802, 32.0816, 42.0849
YIQ	124.9110, -90.2250, -33.3690

Conversions

Conversions Part 2

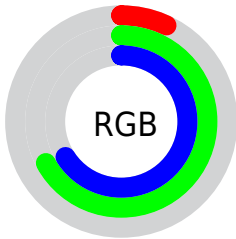
Format	Color
R _Y B	18, 95, 171
Decimal	1223592
CIE Lab	63.41, -35.85, -8.77
CIE LCh	63, 36.906, 193.750
Yxy	32.0816, 0.2278, 0.3340
Android (android.graphics.Color)	4279413672 (0xFF12ABA8)
YUV	124.9110, 21.2429, -93.7609
Hunter-Lab	56.6406, -30.1665, -4.4051

Details

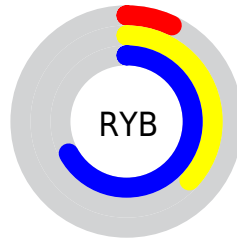
The Hex color **12ABA8** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB1215**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **64E3DF**, and **007674** is the 20% darker color. If you saturate the color by 10%, you get **01ABA8**, and if you desaturate by 10%, it is **23ABA8**.

Distribution



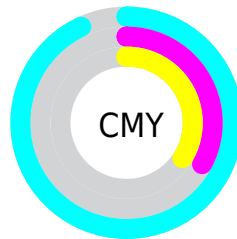
- Red (7%)
- Green (67%)
- Blue (66%)



- Red (7%)
- Yellow (37%)
- Blue (67%)



- Cyan (89%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)



- Cyan (93%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12ABA8 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 12ABA8 by changing the saturation by 10% instead.

 12ABA8

 12ABA8

FFFFFF

 00908E

 64E3DF

 007674

 83FFFC

 005D5C

 A1FFFF

 004444

 BFFFFFF

 002D2E

 DEFFF

 00151A

 FCFFF

 000000

 12ABA8

 12ABA8

 01ABA8

 23ABA8

■ 00ABA8

■ 34ABA9

■ 45ABA9

■ 56ABA9

■ 67ABAA

■ 79ABAA

■ 8AABAA

■ 9BABAB

■ ACABAB

Harmonies

Analogous

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



50AA86



12ABA8



00A9C6

Triad

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



12ABA8



B08BC9



BE915B

Complementary

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



12ABA8



AB1215

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.



D3866E



12ABA8



CE82AD

Square

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



12ABA8



8298D9



D9808B



A09C59

Rectangle

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



12ABA8



2DA5D4



D9808B



C68D5F

Sweetspot

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



12ABA8



A2DEDD



17AB12



4C706F



F0F0F0



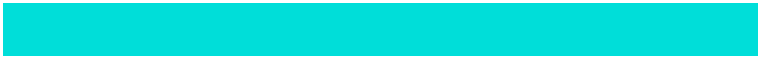
707070

Same Dimension

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



12ABA8



00DED9



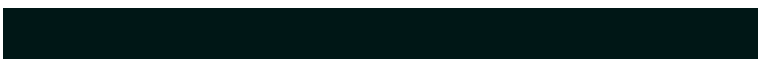
1264AB



4E5757



009693



001716

Inverse Universe

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



AB1215



DE0004



AB5912



574E4E



960003



170000

Previews

White Background



This preview shows how the Hex color 12ABA8 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 12ABA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

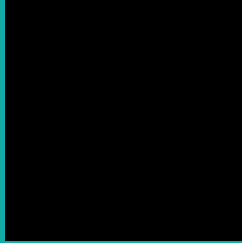
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

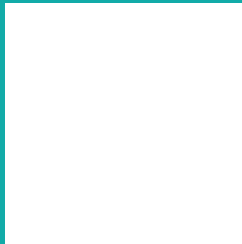
Any Text WCAG AAA ✓ Pass

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

Hex 12ABA8 Background



This preview shows how black text looks on a background with the Hex color 12ABA8.

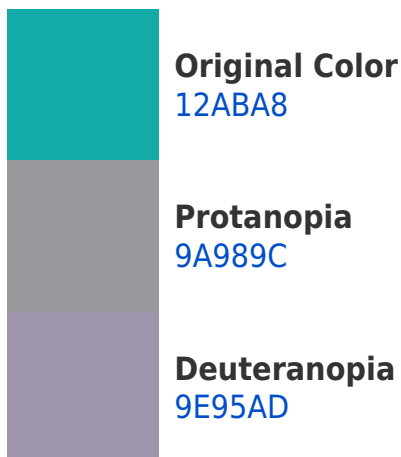


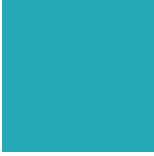
This preview shows how white text looks on a background with the Hex color 12ABA8.

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
25A9B7

Trichromacy



Original Color
12ABA8



Protanomaly
699FA0



Deuteranomaly
6B9DAB



Tritanomaly
1EAAB2

Monochromacy



Original Color
12ABA8



Achromatopsia
7D7D7D



Achromatomaly
568E8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 12ABA8 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 #12ABA8 looks like.

```
.text, #text, p{  
    color:#12ABA8  
}
```

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 #12ABA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12ABA8  
}
```

Border

The CSS property to change the border of an element to Hex 12ABA8 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  
#12ABA8 }
```

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

```
.border{ border-color:#12ABA8 }
```

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

Here you see how a box with a 4 pixel #12ABA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12ABA8; -webkit-box-shadow:4px 4px  
4px 4px #12ABA8; box-shadow:4px 4px 4px  
4px #12ABA8 }
```

Background

The CSS property to change the background color of an element to Hex 12ABA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12ABA8 }
```

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

```
.background{ background-color:#12ABA8 }
```

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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