

Converting Colors

Hex(12E18E)

Have a look what the booklet for
Hex(12E18E) contains.

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Color

Hex(12E18E)

Conversions

Conversions Part 1

Format	Color
Hex	12E18E
RGB	18, 225, 142
RGB Percent	7%, 88%, 56%
CMY	0.9294, 0.1176, 0.4431
CMYK	0.92, 0.00, 0.37, 0.12
HSL	156°, 85%, 48%
HSV	156°, 92%, 88%
XYZ	32.0572, 55.9320, 34.6976
YIQ	153.6450, -96.7290, -69.6970

Conversions

Conversions Part 2

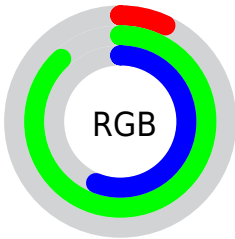
Format	Color
RYB	18, 147, 225
Decimal	1237390
CIELab	79.58, -63.92, 28.18
CIELCh	80, 69.854, 156.211
Yxy	55.9320, 0.2613, 0.4559
Android (android.graphics.Color)	4279427470 (0xFF12E18E)
YUV	153.6450, -5.7410, -118.9607
Hunter-Lab	74.7877, -54.3659, 24.8440

Details

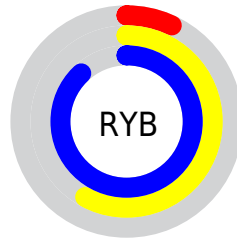
The Hex color **12E18E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E11265**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6FFFC4**, and **00A85B** is the 20% darker color. If you saturate the color by 10%, you get **00E187**, and if you desaturate by 10%, it is **29E197**.

Distribution



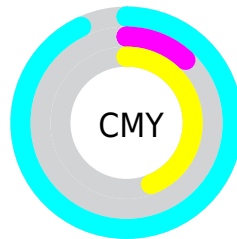
- Red (7%)
- Green (88%)
- Blue (56%)



- Red (7%)
- Yellow (58%)
- Blue (88%)



- Cyan (92%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)



- Cyan (93%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12E18E 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 12E18E by changing the saturation by 10% instead.

 12E18E

 12E18E

FFFFFF

 00C474

 6FFFC4

 00A85B

 8FFFE0

 008D43

 AFFFFD

 00722B

 CFFFFFF

 005814


 EFFFFFF

 003F00

 002700

 000000

 12E18E

 12E18E

■ 00E187

■ 29E197

■ 3FE1A0

■ 56E1A9

■ 6CE1B2

■ 83E1BB

■ 99E1C4

■ B0E1CD

■ C6E1D6

■ DCE1DF

Harmonies

Analogous

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



97D755



12E18E



00E5D1

Triad

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



12E18E



53C8FF



FF967C

Complementary

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



12E18E



E11265

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.



FF89BA



12E18E



DAAEFF

Square

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



12E18E



00DAFF



FF94FB



FFAF4B

Rectangle

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



12E18E



00E4FD



FF94FB



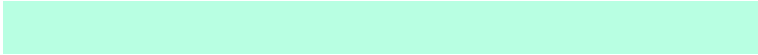
FF8F90

Sweetspot

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



12E18E



B8FFE2



68E112



54806E



000000



808080

Same Dimension

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



12E18E



00FF99



12D0E1



65706C



00B069



00301D

Inverse Universe

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



E11265



FF0066



E12312



706569



B00047



300013

Previews

White Background



This preview shows how the Hex color 12E18E looks on a white background.

Color Contrast Check

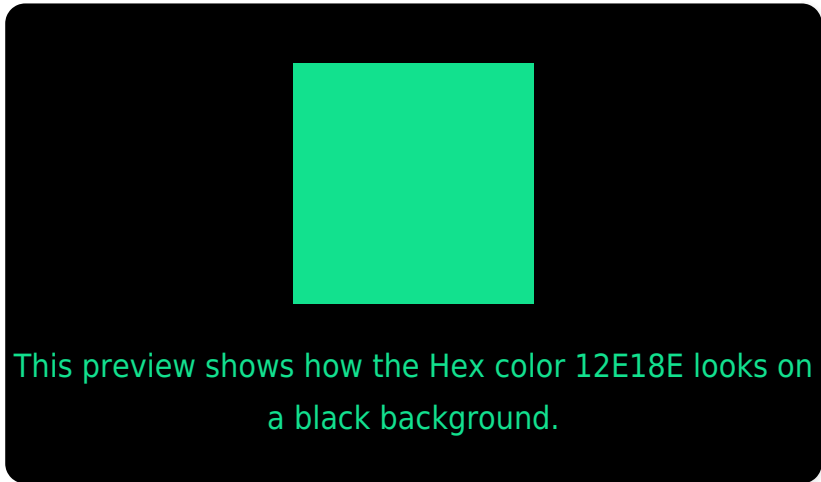
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

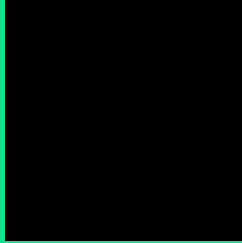
Any Text WCAG AA ✓ Pass

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 12E18E Background



This preview shows how black text looks on a background with the Hex color 12E18E.

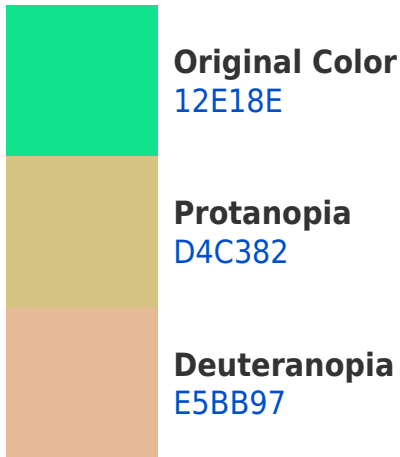


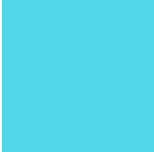
This preview shows how white text looks on a background with the Hex color 12E18E.

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
51D6E8

Trichromacy



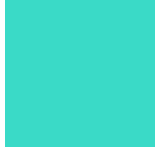
Original Color
12E18E



Protanomaly
8DCE86



Deuteranomaly
98C994



Tritanomaly
3ADAC7

Monochromacy



Original Color
12E18E



Achromatopsia
9A9A9A



Achromatomaly
69B496

CSS Examples

Text

The CSS property to change the color of the text to Hex 12E18E 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 #12E18E looks like.

```
.text, #text, p{  
    color:#12E18E  
}
```

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 #12E18E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12E18E
}
```

Border

The CSS property to change the border of an element to Hex 12E18E 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
#12E18E }
```

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

```
.border{ border-color:#12E18E }
```

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

Here you see how a box with a 4 pixel #12E18E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12E18E; -webkit-box-shadow:4px 4px  
4px 4px #12E18E; box-shadow:4px 4px 4px  
4px #12E18E }
```

Background

The CSS property to change the background color of an element to Hex 12E18E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12E18E }
```

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

```
.background{ background-color:#12E18E }
```

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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