

Converting Colors

Hex(15EA8C)

Have a look what the booklet for
Hex(15EA8C) contains.

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Color

Hex(15EA8C)

Conversions

Conversions Part 1

Format	Color
Hex	15EA8C
RGB	21, 234, 140
RGB Percent	8%, 92%, 55%
CMY	0.9176, 0.0824, 0.4510
CMYK	0.91, 0.00, 0.40, 0.08
HSL	154°, 84%, 50%
HSV	154°, 91%, 92%
XYZ	34.4657, 60.8985, 34.7490
YIQ	159.5970, -96.7740, -74.3900

Conversions

Conversions Part 2

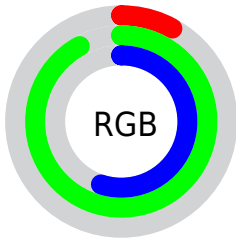
Format	Color
RYB	21, 158, 234
Decimal	1436300
CIELab	82.32, -67.26, 32.85
CIELCh	82, 74.854, 153.970
Yxy	60.8985, 0.2649, 0.4680
Android (android.graphics.Color)	4279626380 (0xFF15EA8C)
YUV	159.5970, -9.6613, -121.5496
Hunter-Lab	78.0375, -57.7301, 28.2252

Details

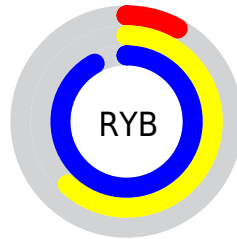
The Hex color **15EA8C** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EA1573**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **72FFC2**, and **00B159** is the 20% darker color. If you saturate the color by 10%, you get **00EA83**, and if you desaturate by 10%, it is **2CEA96**.

Distribution



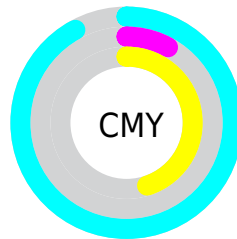
- Red (8%)
- Green (92%)
- Blue (55%)



- Red (8%)
- Yellow (62%)
- Blue (92%)



- Cyan (91%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)



- Cyan (92%)
- Magenta (8%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15EA8C 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 15EA8C by changing the saturation by 10% instead.

 15EA8C

 15EA8C

FFFFFF

 00CD72

 72FFC2

 00B159

 93FFDF

 009540

 B3FFFB

 007A28

 D3FFFF

 005F0F

 F2FFFF

 004600

 002E00

 000F00

 000000

 15EA8C

 15EA8C

 00EA83

 2CEA96

 44EAA1

 5BEAAB

 73EAB5

 8AEAC0

 A1EACA

 B9EAD4

 D0EADF

 E8EAE9

Harmonies

Analogous

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



A0DF4F



15EA8C



00EED4

Triad

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



15EA8C



28D2FF



FF9782

Complementary

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



15EA8C



EA1573

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.



FF8AC6



15EA8C



DBB6FF

Square

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



15EA8C



00E4FF



FF99FF



FFB24B

Rectangle

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



15EA8C



00EEFF



FF99FF



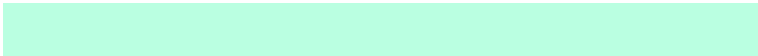
FF9098

Sweetspot

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



15EA8C



BAFFE1



75EA15



57806D



000000



808080

Same Dimension

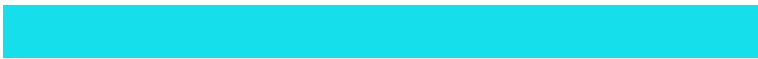
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15EA8C



00FF8E



15DFEA



6A7570



00B565



00361E

Inverse Universe

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



EA1573



FF0071



EA2015



756A6F



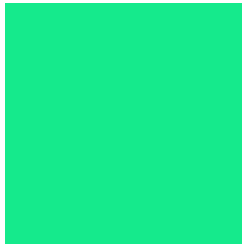
B50050



360018

Previews

White Background



This preview shows how the Hex color 15EA8C 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 15EA8C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

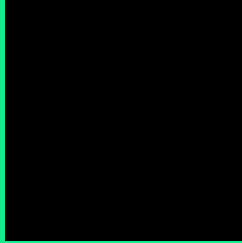
Any Text WCAG AA ✓ Pass

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 15EA8C Background



This preview shows how black text looks on a background with the Hex color 15EA8C.

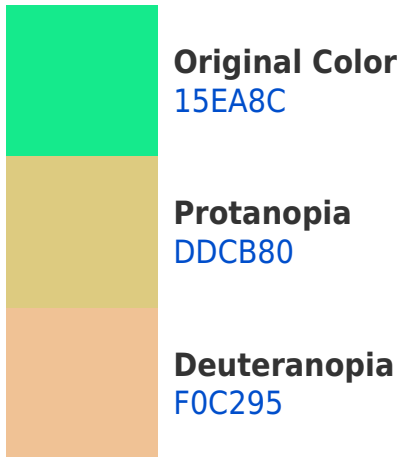


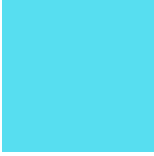
This preview shows how white text looks on a background with the Hex color 15EA8C.

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
57DEF0

Trichromacy



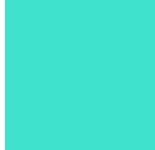
Original Color
15EA8C



Protanomaly
94D684



Deuteranomaly
A0D192



Tritanomaly
3FE2CC

Monochromacy



Original Color
15EA8C



Achromatopsia
A0A0A0



Achromatomaly
6DBB99

CSS Examples

Text

The CSS property to change the color of the text to Hex 15EA8C 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 #15EA8C looks like.

```
.text, #text, p{  
    color:#15EA8C  
}
```

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 #15EA8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15EA8C
}
```

Border

The CSS property to change the border of an element to Hex 15EA8C 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
#15EA8C }
```

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

```
.border{ border-color:#15EA8C }
```

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

Here you see how a box with a 4 pixel #15EA8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15EA8C; -webkit-box-shadow:4px 4px  
4px 4px #15EA8C; box-shadow:4px 4px 4px  
4px #15EA8C }
```

Background

The CSS property to change the background color of an element to Hex 15EA8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15EA8C }
```

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

```
.background{ background-color:#15EA8C }
```

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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