

Converting Colors

Hex(15E58E)

Have a look what the booklet for
Hex(15E58E) contains.

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Color

Hex(15E58E)

Conversions

Conversions Part 1

Format	Color
Hex	15E58E
RGB	21, 229, 142
RGB Percent	8%, 90%, 56%
CMY	0.9176, 0.1020, 0.4431
CMYK	0.91, 0.00, 0.38, 0.10
HSL	155°, 83%, 49%
HSV	155°, 91%, 90%
XYZ	33.2111, 58.1510, 35.0651
YIQ	156.8900, -96.0410, -71.1530

Conversions

Conversions Part 2

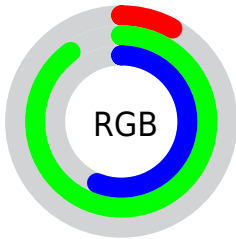
Format	Color
R _Y B	21, 153, 229
Decimal	1435022
CIE Lab	80.82, -65.17, 29.85
CIE LCh	81, 71.680, 155.393
Yxy	58.1510, 0.2627, 0.4600
Android (android.graphics.Color)	4279625102 (0xFF15E58E)
YUV	156.8900, -7.3408, -119.1755
Hunter-Lab	76.2568, -55.7099, 26.1166

Details

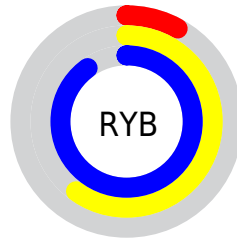
The Hex color **15E58E** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E5156C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **70FFC4**, and **00AC5B** is the 20% darker color. If you saturate the color by 10%, you get **00E585**, and if you desaturate by 10%, it is **2CE598**.

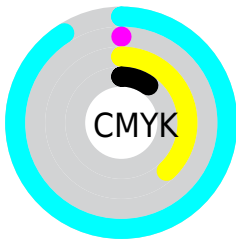
Distribution



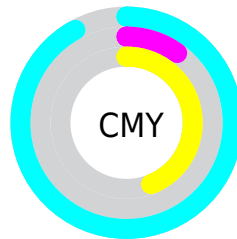
- Red (8%)
- Green (90%)
- Blue (56%)



- Red (8%)
- Yellow (60%)
- Blue (90%)



- Cyan (91%)
- Magenta (0%)
- Yellow (38%)
- Black (10%)



- Cyan (92%)
- Magenta (10%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15E58E 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 15E58E by changing the saturation by 10% instead.

 15E58E

 15E58E

FFFFFF

 00C874

 70FFC4

 00AC5B

 91FFE0

 009042

 B1FFFD

 00752B

 D1FFFF

 005B13

 F0FFFF

 004200

 002A00

 000600

 000000

 15E58E


 15E58E

 00E585

 2CE598

 43E5A1

 5AE5AB

 71E5B4

 87E5BE

 9EE5C7

 B5E5D1

 CCE5DB

 E3E5E4

Harmonies

Analogous

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



9BDB54



15E58E



00E9D3

Triad

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



15E58E



49CCFF



FF977F

Complementary

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



15E58E



E5156C

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.



FF8ABF



15E58E



DBB2FF

Square

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



15E58E



00DEFF



FF96FF



FFB14B

Rectangle

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



15E58E



00E9FF



FF96FF



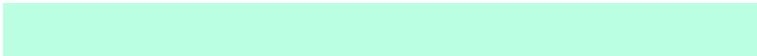
FF9093

Sweetspot

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



15E58E



BAFFE2



6FE515



57806E



000000



808080

Same Dimension

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



15E58E



00FF94



15D7E5



67736E



00B368



00331E

Inverse Universe

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



E5156C



FF006B



E52315



73676C



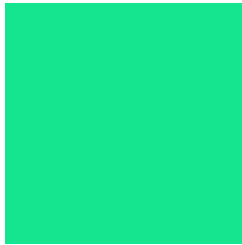
B3004B



330015

Previews

White Background



This preview shows how the Hex color 15E58E 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 15E58E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

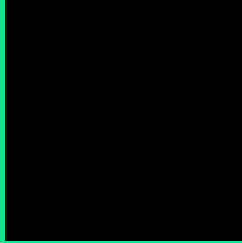
Any Text WCAG AA ✓ Pass

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 15E58E Background



This preview shows how black text looks on a background with the Hex color 15E58E.

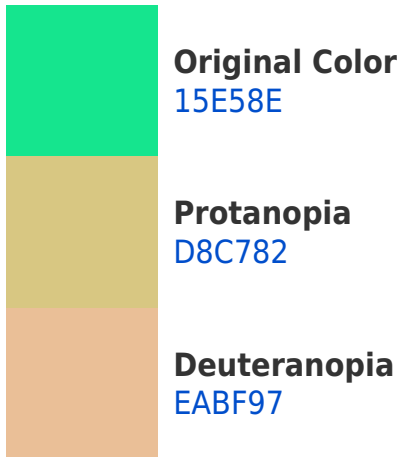


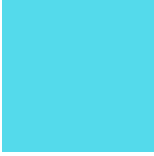
This preview shows how white text looks on a background with the Hex color 15E58E.

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
54DAEB

Trichromacy



Original Color
15E58E



Protanomaly
91D286



Deuteranomaly
9DCD94



Tritanomaly
3DDEC9

Monochromacy



Original Color
15E58E



Achromatopsia
9D9D9D



Achromatomaly
6CB798

CSS Examples

Text

The CSS property to change the color of the text to Hex 15E58E 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 #15E58E looks like.

```
.text, #text, p{  
    color:#15E58E  
}
```

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 #15E58E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15E58E
}
```

Border

The CSS property to change the border of an element to Hex 15E58E 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
#15E58E }
```

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

```
.border{ border-color:#15E58E }
```

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

Here you see how a box with a 4 pixel #15E58E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15E58E; -webkit-box-shadow:4px 4px  
4px 4px #15E58E; box-shadow:4px 4px 4px  
4px #15E58E }
```

Background

The CSS property to change the background color of an element to Hex 15E58E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15E58E }
```

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

```
.background{ background-color:#15E58E }
```

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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