

Converting Colors

Hex(15D28B)

Have a look what the booklet for
Hex(15D28B) contains.

Hex(15D28B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(15D28B)

Conversions

Conversions Part 1

Format	Color
Hex	15D28B
RGB	21, 210, 139
RGB Percent	8%, 82%, 55%
CMY	0.9176, 0.1765, 0.4549
CMYK	0.90, 0.00, 0.34, 0.18
HSL	157°, 82%, 45%
HSV	157°, 90%, 82%
XYZ	28.0161, 48.1167, 32.2370
YIQ	145.3950, -89.8530, -62.1490

Conversions

Conversions Part 2

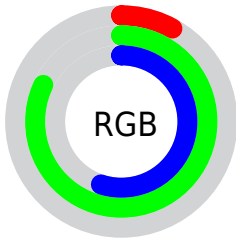
Format	Color
RYB	21, 137, 210
Decimal	1430155
CIELab	74.90, -59.05, 23.42
CIELCh	75, 63.523, 158.363
Yxy	48.1167, 0.2585, 0.4440
Android (android.graphics.Color)	4279620235 (0xFF15D28B)
YUV	145.3950, -3.1527, -109.0944
Hunter-Lab	69.3662, -49.2972, 21.0022

Details

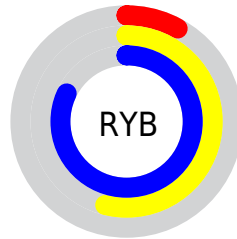
The Hex color **15D28B** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D2155C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6BFFC1**, and **009A58** is the 20% darker color. If you saturate the color by 10%, you get **00D283**, and if you desaturate by 10%, it is **2AD293**.

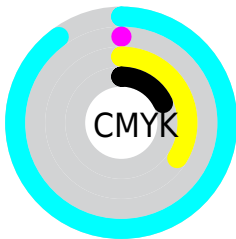
Distribution



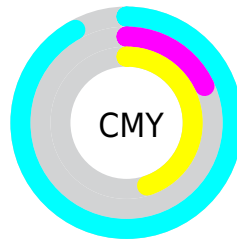
- Red (8%)
- Green (82%)
- Blue (55%)



- Red (8%)
- Yellow (54%)
- Blue (82%)



- Cyan (90%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)



- Cyan (92%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15D28B 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 15D28B by changing the saturation by 10% instead.

 15D28B

 15D28B

FFFFFF

 00B671

 6BFFC1

 009A58

 8CFFDD

 007F41

 ABFFFA

 00652A

 CAFFFF

 004B14

 E9FFFF

 003400

 001A00

 000000

 15D28B

 15D28B

 00D283

 2AD293

 3FD29B

 54D2A3

 69D2AB

 7ED2B2

 93D2BA

 A8D2C2

 BDD2CA

 D2D2D2

Harmonies

Analogous

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



8AC957



15D28B



00D5C8

Triad

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



15D28B



65B9FF



FF9073

Complementary

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



15D28B



D2155C

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.



FF83AA



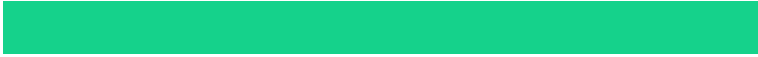
15D28B



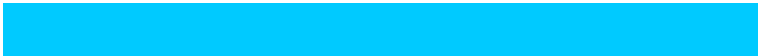
D1A2FF

Square

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



15D28B



00CAFF



FF8CE5



FBA649

Rectangle

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



15D28B



00D4EE



FF8CE5



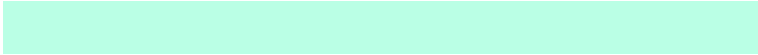
FF8A84

Sweetspot

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



15D28B



BAFFE5



5DD215



578070



000000



808080

Same Dimension

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



15D28B



00FF9F



15BCD2



5E6965



00A869



002919

Inverse Universe

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



D2155C



FF0060



D22B15



695E62



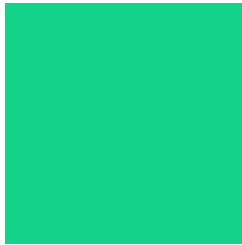
A8003F



29000F

Previews

White Background



This preview shows how the Hex color 15D28B 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 15D28B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

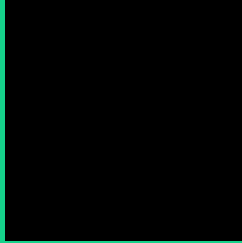
Any Text WCAG AA ✓ Pass

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 15D28B Background



This preview shows how black text looks on a background with the Hex color 15D28B.

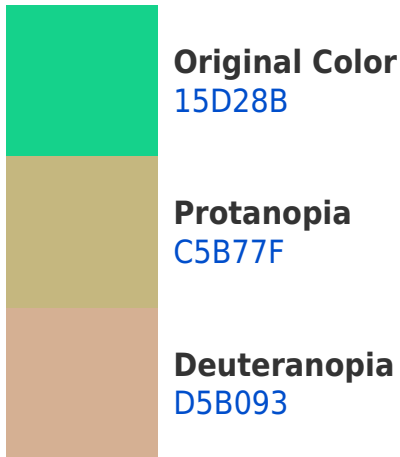


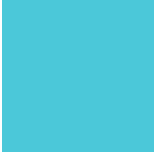
This preview shows how white text looks on a background with the Hex color 15D28B.

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
4BC8D9

Trichromacy



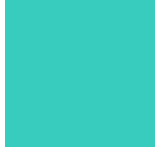
Original Color
15D28B



Protanomaly
85C183



Deuteranomaly
8FBC90



Tritanomaly
37CCBD

Monochromacy



Original Color
15D28B



Achromatopsia
919191



Achromatomaly
64A98F

CSS Examples

Text

The CSS property to change the color of the text to Hex 15D28B 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 #15D28B looks like.

```
.text, #text, p{  
    color:#15D28B  
}
```

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 #15D28B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D28B
}
```

Border

The CSS property to change the border of an element to Hex 15D28B 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
#15D28B }
```

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

```
.border{ border-color:#15D28B }
```

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

Here you see how a box with a 4 pixel #15D28B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D28B; -webkit-box-shadow:4px 4px  
4px 4px #15D28B; box-shadow:4px 4px 4px  
4px #15D28B }
```

Background

The CSS property to change the background color of an element to Hex 15D28B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D28B }
```

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

```
.background{ background-color:#15D28B }
```

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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