

Converting Colors

Hex(14DB88)

Have a look what the booklet for
Hex(14DB88) contains.

Hex(14DB88)	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(14DB88)

Conversions

Conversions Part 1

Format	Color
Hex	14DB88
RGB	20, 219, 136
RGB Percent	8%, 86%, 53%
CMY	0.9216, 0.1412, 0.4667
CMYK	0.91, 0.00, 0.38, 0.14
HSL	155°, 83%, 47%
HSV	155°, 91%, 86%
XYZ	30.0639, 52.5893, 31.8588
YIQ	150.0370, -91.9610, -68.0010

Conversions

Conversions Part 2

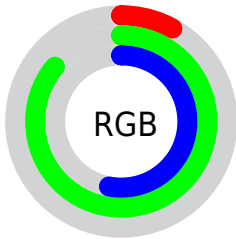
Format	Color
RYB	20, 146, 219
Decimal	1366920
CIELab	77.63, -62.91, 28.66
CIELCh	78, 69.132, 155.509
Yxy	52.5893, 0.2625, 0.4592
Android (android.graphics.Color)	4279557000 (0xFF14DB88)
YUV	150.0370, -6.9202, -114.0424
Hunter-Lab	72.5185, -52.9068, 24.7157

Details

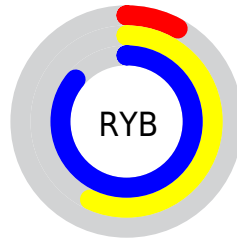
The Hex color **14DB88** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DB1467**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6DFFBE**, and **00A255** is the 20% darker color. If you saturate the color by 10%, you get **00DB80**, and if you desaturate by 10%, it is **2ADB91**.

Distribution



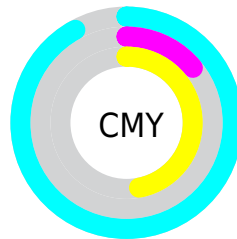
- Red (8%)
- Green (86%)
- Blue (53%)



- Red (8%)
- Yellow (57%)
- Blue (86%)



- Cyan (91%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)



- Cyan (92%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14DB88 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 14DB88 by changing the saturation by 10% instead.

 14DB88

 14DB88

FFFFFF

 00BE6E

 6DFFBE

 00A255

 8EFFDA

 00873D

 AEFFF7

 006D26

 CDFFFF

 00530E

 ECFFFF

 003A00

 002200

 000000

 14DB88

 14DB88

 00DB80

 2ADB91

 40DB9A

 56DBA3

 6CDBAD

 82DBB6

 97DBBF

 ADDBC8

 C3DBD1

 D9DBDA

Harmonies

Analogous

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



94D150



14DB88



00DFCA

Triad

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



14DB88



48C3FF



FF9079

Complementary

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



14DB88



DB1467

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.



FF84B7



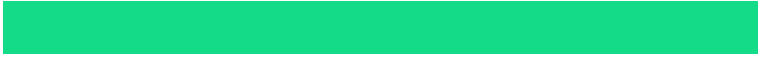
14DB88



D2AAFF

Square

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



14DB88



00D5FF



FF90F6



FFA948

Rectangle

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



14DB88



00DEF5



FF90F6



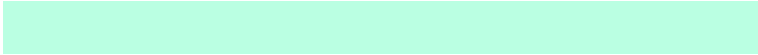
FF8A8C

Sweetspot

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



14DB88



BAFFE2



6ADB14



57806E



000000



808080

Same Dimension

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



14DB88



00FF95



14CEDB



636E69



00AD65



002E1B

Inverse Universe

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



DB1467



FF006A



DB2114



6E6367



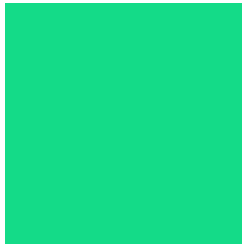
AD0048



2E0013

Previews

White Background



This preview shows how the Hex color 14DB88 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 14DB88 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 14DB88 Background



This preview shows how black text looks on a background with the Hex color 14DB88.

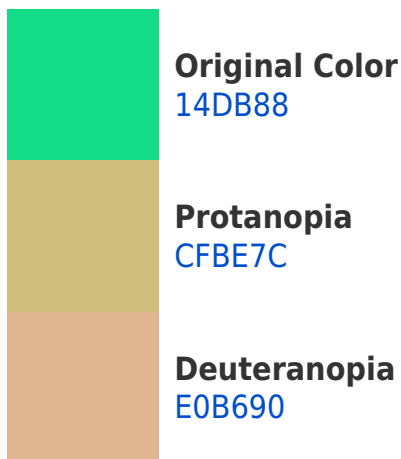


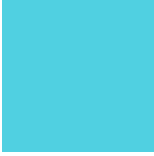
This preview shows how white text looks on a background with the Hex color 14DB88.

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
50D0E1

Trichromacy



Original Color
14DB88



Protanomaly
8BC980

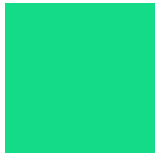


Deuteranomaly
96C38D



Tritanomaly
3AD4C1

Monochromacy



Original Color
14DB88



Achromatopsia
969696



Achromatomaly
67AF91

CSS Examples

Text

The CSS property to change the color of the text to Hex 14DB88 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 #14DB88 looks like.

```
.text, #text, p{  
    color:#14DB88  
}
```

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 #14DB88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14DB88
}
```

Border

The CSS property to change the border of an element to Hex 14DB88 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
#14DB88 }
```

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

```
.border{ border-color:#14DB88 }
```

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

Here you see how a box with a 4 pixel #14DB88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14DB88; -webkit-box-shadow:4px 4px  
4px 4px #14DB88; box-shadow:4px 4px 4px  
4px #14DB88 }
```

Background

The CSS property to change the background color of an element to Hex 14DB88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14DB88 }
```

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

```
.background{ background-color:#14DB88 }
```

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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