

Converting Colors

Hex(15D4B6)

Have a look what the booklet for
Hex(15D4B6) contains.

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Color

Hex(15D4B6)

Conversions

Conversions Part 1

Format	Color
Hex	15D4B6
RGB	21, 212, 182
RGB Percent	8%, 83%, 71%
CMY	0.9176, 0.1686, 0.2863
CMYK	0.90, 0.00, 0.14, 0.17
HSL	171°, 82%, 46%
HSV	171°, 90%, 83%
XYZ	32.2962, 50.6238, 52.3252
YIQ	151.4710, -104.2060, -49.8220

Conversions

Conversions Part 2

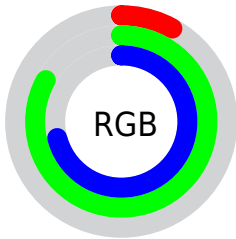
Format	Color
RYB	21, 125, 212
Decimal	1430710
CIELab	76.45, -49.59, 2.74
CIELCh	76, 49.664, 176.835
Yxy	50.6238, 0.2388, 0.3743
Android (android.graphics.Color)	4279620790 (0xFF15D4B6)
YUV	151.4710, 15.0508, -114.4231
Hunter-Lab	71.1504, -43.4894, 6.2025

Details

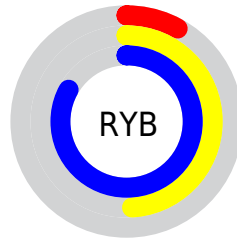
The Hex color **15D4B6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D41533**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6EFFEE**, and **009C81** is the 20% darker color. If you saturate the color by 10%, you get **00D4B3**, and if you desaturate by 10%, it is **2AD4B9**.

Distribution



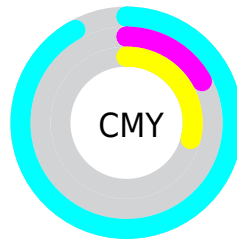
- Red (8%)
- Green (83%)
- Blue (71%)



- Red (8%)
- Yellow (49%)
- Blue (83%)



- Cyan (90%)
- Magenta (0%)
- Yellow (14%)
- Black (17%)



- Cyan (92%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15D4B6 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 15D4B6 by changing the saturation by 10% instead.

 15D4B6

 15D4B6

FFFFFF

 00B89B

 6EFFEE

 009C81

 8FFFFFF

 008168

 AEFFFF

 006750

 CDFFFF

 004E39

 ECFFFF

 003624

 001F0F

 000000

 15D4B6

 15D4B6

00D4B3

2AD4B9

3FD4BD

55D4C0

6AD4C3

7FD4C7

94D4CA

A9D4CD

BFD4D1

D4D4D4

Harmonies

Analogous

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



77D089



15D4B6



00D4E5

Triad

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



15D4B6



B9B2FF



FFA871

Complementary

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



15D4B6



D41533

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.



FF9A96



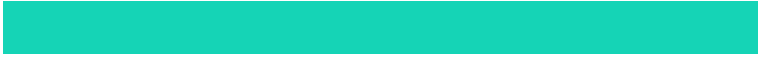
15D4B6



F1A1EF

Square

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



15D4B6



65C3FF



FF97C3



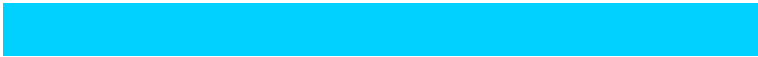
DDB85F

Rectangle

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



15D4B6



00D1FE



FF97C3



FFA37C

Sweetspot

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



15D4B6



BAFFF4



35D415



578079



000000



808080

Same Dimension

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



15D4B6



00FFD7



1594D4



606B69



00AB90



002B25

Inverse Universe

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



D41533



FF0028



D45515



6B6062



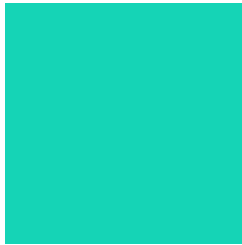
AB001B



2B0007

Previews

White Background



This preview shows how the Hex color 15D4B6 looks on a white background.

Color Contrast Check

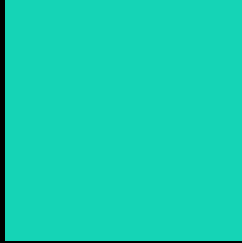
Large Text (above 18pt) WCAG AA × Fail

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 15D4B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

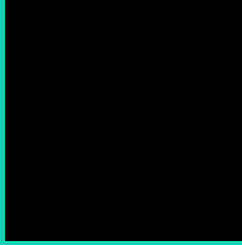
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

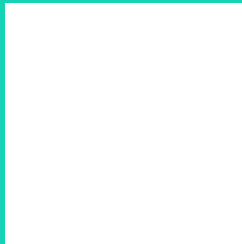
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 15D4B6 Background



This preview shows how black text looks on a background with the Hex color 15D4B6.



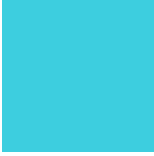
This preview shows how white text looks on a background with the Hex color 15D4B6.

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
3DCEDF

Trichromacy



Original Color
15D4B6



Protanomaly
84C3AD

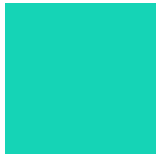


Deuteranomaly
89C0BA



Tritanomaly
2ED0D0

Monochromacy



Original Color
15D4B6



Achromatopsia
979797



Achromatomaly
68ADA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 15D4B6 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 #15D4B6 looks like.

```
.text, #text, p{  
    color:#15D4B6  
}
```

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 #15D4B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D4B6
}
```

Border

The CSS property to change the border of an element to Hex 15D4B6 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
#15D4B6 }
```

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

```
.border{ border-color:#15D4B6 }
```

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

Here you see how a box with a 4 pixel #15D4B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D4B6; -webkit-box-shadow:4px 4px  
4px 4px #15D4B6; box-shadow:4px 4px 4px  
4px #15D4B6 }
```

Background

The CSS property to change the background color of an element to Hex 15D4B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D4B6 }
```

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

```
.background{ background-color:#15D4B6 }
```

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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