

Converting Colors

Hex(4DB187)

Have a look what the booklet for
Hex(4DB187) contains.

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Color

Hex(4DB187)

Conversions

Conversions Part 1

Format	Color
Hex	4DB187
RGB	77, 177, 135
RGB Percent	30%, 69%, 53%
CMY	0.6980, 0.3059, 0.4706
CMYK	0.56, 0.00, 0.24, 0.31
HSL	155°, 39%, 50%
HSV	155°, 56%, 69%
XYZ	23.1559, 34.7713, 28.4128
YIQ	142.3120, -46.1180, -34.2620

Conversions

Conversions Part 2

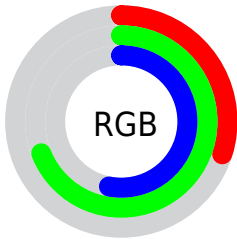
Format	Color
RYB	77, 140, 177
Decimal	5091719
CIELab	65.57, -39.32, 12.83
CIELCh	66, 41.357, 161.922
Yxy	34.7713, 0.2682, 0.4027
Android (android.graphics.Color)	4283281799 (0xFF4DB187)
YUV	142.3120, -3.6048, -57.2786
Hunter-Lab	58.9672, -33.0973, 12.7088

Details

The Hex color **4DB187** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B14D77**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **86E9BC**, and **007C55** is the 20% darker color. If you saturate the color by 10%, you get **3BB180**, and if you desaturate by 10%, it is **5FB18E**.

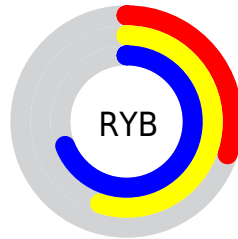
Distribution



Red (30%)

Green (69%)

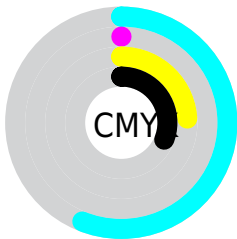
Blue (53%)



Red (30%)

Yellow (55%)

Blue (69%)

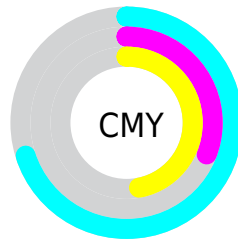


Cyan (56%)

Magenta (0%)

Yellow (24%)

Black (31%)



Cyan (70%)

Magenta (31%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB187 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 4DB187 by changing the saturation by 10% instead.

 4DB187

 4DB187

FFFFFF

 2E966E

 86E9BC

 007C55

 A2FFD8

 00623E

 BFFFF5

 004928

 DCFFFF

 003213

 F9FFFF

 001C00

 000000

 4DB187

 4DB187

 3BB180

 5FB18E

 2AB178

 70B196

 18B171

 82B19D

 06B169

 94B1A5

 00B167

 A5B1AC

 B7B1B4

 C9B1BB

 DBB1C2

 ECB1CA

Harmonies

Analogous

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



7FAB67



4DB187



00B3AD

Triad

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



4DB187



7F9EE8



E0896F

Complementary

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



4DB187



B14D77

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.



E68192



4DB187



B690D7

Square

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



4DB187



2FA9E5



D984B7



CA9559

Rectangle

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



4DB187



00B2C5



D984B7



E4857A

Sweetspot

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



4DB187



BEE6D5



78B14D



5C7369



F2F2F2



737373

Same Dimension

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



4DB187



49E6A4



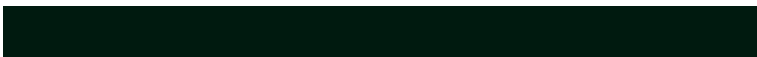
4DAAB1



505956



009959



001A0F

Inverse Universe

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



B14D77



E6498B



B1544D



595054



990040



1A000B

Previews

White Background



This preview shows how the Hex color 4DB187 looks on a white background.

Color Contrast Check

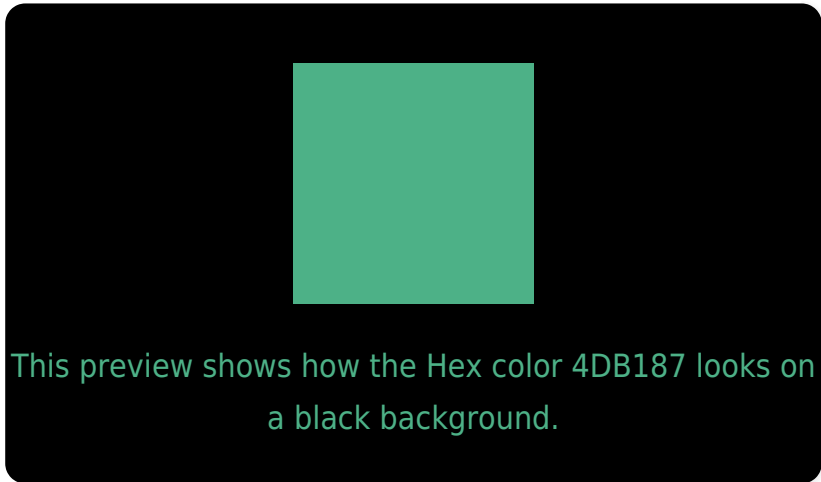
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4DB187 Background



This preview shows how black text looks on a background with the Hex color 4DB187.



This preview shows how white text looks on a background with the Hex color 4DB187.

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



Trichromacy



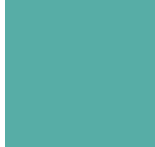
Original Color
4DB187



Protanomaly
87A581



Deuteranomaly
8FA18A



Tritanomaly
57ADA6

Monochromacy



Original Color
4DB187



Achromatopsia
8E8E8E



Achromatomaly
769B8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB187 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 #4DB187 looks like.

```
.text, #text, p{  
    color:#4DB187  
}
```

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 #4DB187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB187  
}
```

Border

The CSS property to change the border of an element to Hex 4DB187 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  
#4DB187 }
```

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

```
.border{ border-color:#4DB187 }
```

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

Here you see how a box with a 4 pixel #4DB187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB187; -webkit-box-shadow:4px 4px  
4px 4px #4DB187; box-shadow:4px 4px 4px  
4px #4DB187 }
```

Background

The CSS property to change the background color of an element to Hex 4DB187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB187 }
```

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

```
.background{ background-color:#4DB187 }
```

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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