

Converting Colors

Hex(4DB481)

Have a look what the booklet for
Hex(4DB481) contains.

Hex(4DB481)	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(4DB481)

Conversions

Conversions Part 1

Format	Color
Hex	4DB481
RGB	77, 180, 129
RGB Percent	30%, 71%, 51%
CMY	0.6980, 0.2941, 0.4941
CMYK	0.57, 0.00, 0.28, 0.29
HSL	150°, 41%, 50%
HSV	150°, 57%, 71%
XYZ	23.3443, 35.8053, 26.4496
YIQ	143.3890, -45.0170, -37.6970

Conversions

Conversions Part 2

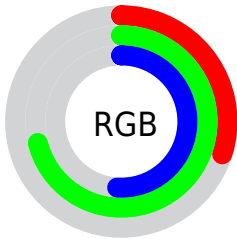
Format	Color
RYB	77, 145, 180
Decimal	5092481
CIELab	66.37, -41.92, 17.23
CIELCh	66, 45.324, 157.660
Yxy	35.8053, 0.2727, 0.4183
Android (android.graphics.Color)	4283282561 (0xFF4DB481)
YUV	143.3890, -7.0938, -58.2232
Hunter-Lab	59.8375, -35.0778, 15.6787

Details

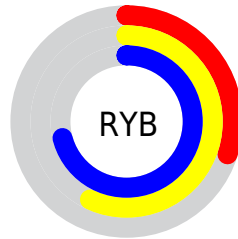
The Hex color **4DB481** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B44D80**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **86EDB6**, and **007E4F** is the 20% darker color. If you saturate the color by 10%, you get **3BB478**, and if you desaturate by 10%, it is **5FB48A**.

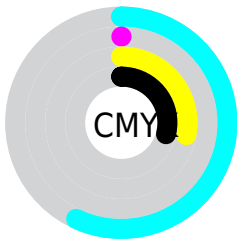
Distribution



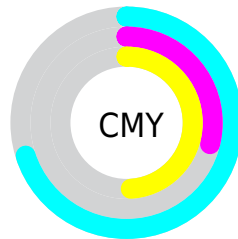
- Red (30%)
- Green (71%)
- Blue (51%)



- Red (30%)
- Yellow (57%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (28%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB481 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 4DB481 by changing the saturation by 10% instead.



4DB481



4DB481

FFFFFF



2E9968



86EDB6



007E4F



A2FFD2



006538



BFFFEE



004C22



DCFFFF



00340D



FAFFFF



001E00



000000



4DB481



4DB481



3BB478



5FB48A

 29B46F

 71B493

 17B466

 83B49C

 05B45D

 95B4A5

 00B45B

 A7B4AE

 B9B4B6

 CBB4BF

 DDB4C8

 EFB4D1

Harmonies

Analogous

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



85AD5F



4DB481



00B6AB

Triad

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



4DB481



71A2F2



EA8672

Complementary

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



4DB481



B44D80

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.



EE8098



4DB481



B393E2

Square

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



4DB481



00AEEC



DC85C1



D39456

Rectangle

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



4DB481



00B6C6



DC85C1



ED837E

Sweetspot

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



4DB481



C3EBD7



81B44D



5E756A



F5F5F5



757575

Same Dimension

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



4DB481



49EB9A



4DB4B4



505955



00994D



001A0D

Inverse Universe

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



B44D80



EB4999



B44D4D



595055



99004C



1A000D

Previews

White Background



This preview shows how the Hex color 4DB481 looks on a white background.

Color Contrast Check

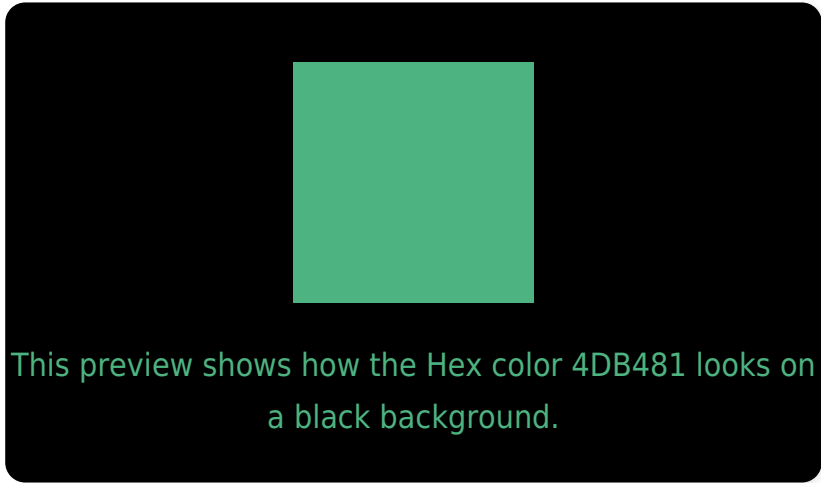
Large Text (above 18pt) WCAG AA × Fail

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

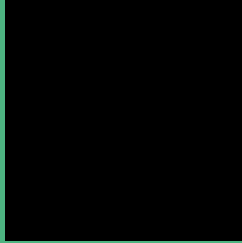
Any Text WCAG AA ✓ Pass

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 4DB481 Background



This preview shows how black text looks on a background with the Hex color 4DB481.

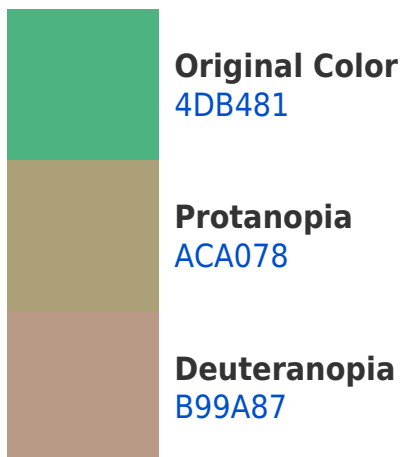


This preview shows how white text looks on a background with the Hex color 4DB481.

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



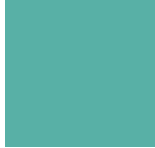
Original Color
4DB481



Protanomaly
89A77B



Deuteranomaly
92A385



Tritanomaly
58B0A6

Monochromacy



Original Color
4DB481



Achromatopsia
8F8F8F



Achromatomaly
779C8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB481 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 #4DB481 looks like.

```
.text, #text, p{  
    color:#4DB481  
}
```

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 #4DB481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB481
}
```

Border

The CSS property to change the border of an element to Hex 4DB481 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
#4DB481 }
```

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

```
.border{ border-color:#4DB481 }
```

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

Here you see how a box with a 4 pixel #4DB481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB481; -webkit-box-shadow:4px 4px  
4px 4px #4DB481; box-shadow:4px 4px 4px  
4px #4DB481 }
```

Background

The CSS property to change the background color of an element to Hex 4DB481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB481 }
```

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

```
.background{ background-color:#4DB481 }
```

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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