

Converting Colors

Hex(4DB37C)

Have a look what the booklet for
Hex(4DB37C) contains.

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Color

Hex(4DB37C)

Conversions

Conversions Part 1

Format	Color
Hex	4DB37C
RGB	77, 179, 124
RGB Percent	30%, 70%, 49%
CMY	0.6980, 0.2980, 0.5137
CMYK	0.57, 0.00, 0.31, 0.30
HSL	148°, 40%, 50%
HSV	148°, 57%, 70%
XYZ	22.8188, 35.2732, 24.6745
YIQ	142.2320, -43.1370, -38.7290

Conversions

Conversions Part 2

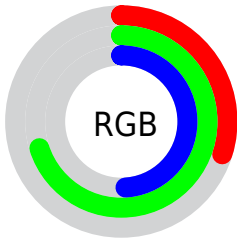
Format	Color
RYB	77, 147, 179
Decimal	5092220
CIELab	65.96, -42.52, 19.38
CIELCh	66, 46.729, 155.501
Yxy	35.2732, 0.2757, 0.4262
Android (android.graphics.Color)	4283282300 (0xFF4DB37C)
YUV	142.2320, -8.9884, -57.2085
Hunter-Lab	59.3913, -35.3531, 16.9414

Details

The Hex color **4DB37C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B34D84**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **86EBB1**, and **007D4B** is the 20% darker color. If you saturate the color by 10%, you get **3BB372**, and if you desaturate by 10%, it is **5FB386**.

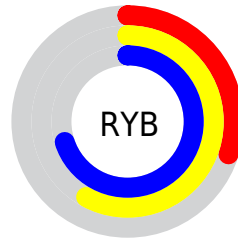
Distribution



Red (30%)

Green (70%)

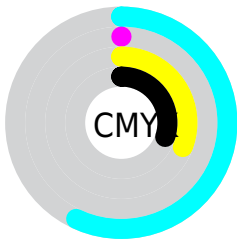
Blue (49%)



Red (30%)

Yellow (58%)

Blue (70%)

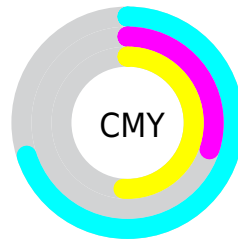


Cyan (57%)

Magenta (0%)

Yellow (31%)

Black (30%)



Cyan (70%)

Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB37C 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 4DB37C by changing the saturation by 10% instead.

 4DB37C

 4DB37C

FFFFFF

 2E9863

 86EBB1

 007D4B

 A2FFCC

 006434

 BFFFE9

 004B1E

 DCFFFF

 003307

 FAFFFF

 001D00

 000000

 4DB37C

 4DB37C

 3BB372

 5FB386

 29B369

 71B38F

 17B35F

 83B399

 05B355

 95B3A3

 00B352

 A7B3AC

 B8B3B6

 CAB3C0

 DCB3C9

 EEB3D3

Harmonies

Analogous

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



86AC5A



4DB37C



00B6A7

Triad

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



4DB37C



67A2F4



EB8372

Complementary

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



4DB37C



B34D84

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.



EE7D9A



4DB37C



AE92E5

Square

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



4DB37C



00AEEC



DA83C4



D59254

Rectangle

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



4DB37C



00B5C3



DA83C4



EF807E

Sweetspot

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



4DB37C



C1E8D3



85B34D



5E7569



F5F5F5



757575

Same Dimension

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



4DB37C



4AE893



4DB3AE



505954



009947



001A0C

Inverse Universe

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



B34D84



E84A9F



B34D52



595055



990052



1A000E

Previews

White Background



This preview shows how the Hex color 4DB37C looks on a white background.

Color Contrast Check

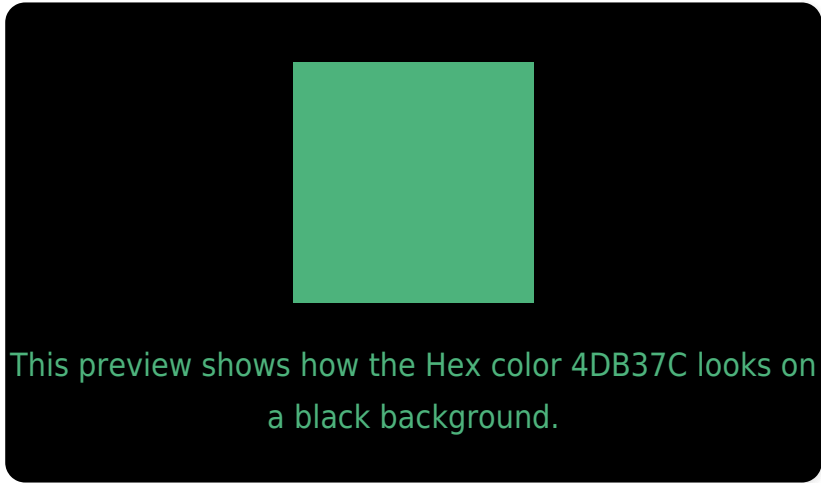
Large Text (above 18pt) WCAG AA × Fail

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

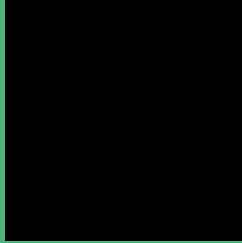
Any Text WCAG AA ✓ Pass

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 4DB37C Background



This preview shows how black text looks on a background with the Hex color 4DB37C.

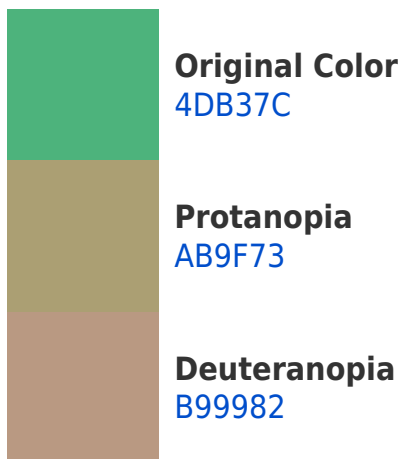


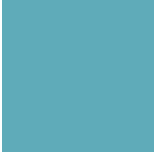
This preview shows how white text looks on a background with the Hex color 4DB37C.

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
5FABB9

Trichromacy



Original Color
4DB37C



Protanomaly
89A676



Deuteranomaly
92A280



Tritanomaly
58AEA3

Monochromacy



Original Color
4DB37C



Achromatopsia
8E8E8E



Achromatomaly
769B87

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB37C 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 #4DB37C looks like.

```
.text, #text, p{  
    color:#4DB37C  
}
```

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 #4DB37C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB37C
}
```

Border

The CSS property to change the border of an element to Hex 4DB37C 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
#4DB37C }
```

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

```
.border{ border-color:#4DB37C }
```

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

Here you see how a box with a 4 pixel #4DB37C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB37C; -webkit-box-shadow:4px 4px  
4px 4px #4DB37C; box-shadow:4px 4px 4px  
4px #4DB37C }
```

Background

The CSS property to change the background color of an element to Hex 4DB37C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB37C }
```

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

```
.background{ background-color:#4DB37C }
```

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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