

Converting Colors

Hex(4DB393)

Have a look what the booklet for
Hex(4DB393) contains.

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Color

Hex(4DB393)

Conversions

Conversions Part 1

Format	Color
Hex	4DB393
RGB	77, 179, 147
RGB Percent	30%, 70%, 58%
CMY	0.6980, 0.2980, 0.4235
CMYK	0.57, 0.00, 0.18, 0.30
HSL	161°, 40%, 50%
HSV	161°, 57%, 70%
XYZ	24.4471, 35.9246, 33.2494
YIQ	144.8540, -50.5200, -31.5760

Conversions

Conversions Part 2

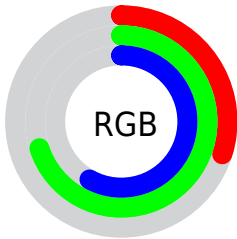
Format	Color
RYB	77, 137, 179
Decimal	5092243
CIELab	66.46, -37.46, 7.50
CIElCh	66, 38.203, 168.685
Yxy	35.9246, 0.2611, 0.3837
Android (android.graphics.Color)	4283282323 (0xFF4DB393)
YUV	144.8540, 1.0580, -59.5080
Hunter-Lab	59.9371, -32.0834, 9.0655

Details

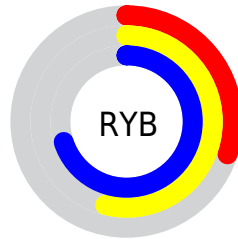
The Hex color **4DB393** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B34D6D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **86EBC9**, and **007D60** is the 20% darker color. If you saturate the color by 10%, you get **3BB38D**, and if you desaturate by 10%, it is **5FB399**.

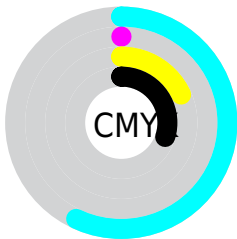
Distribution



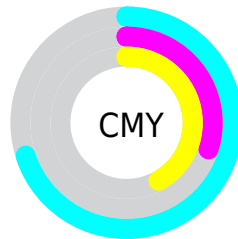
- Red (30%)
- Green (70%)
- Blue (58%)



- Red (30%)
- Yellow (54%)
- Blue (70%)



- Cyan (57%)
- Magenta (0%)
- Yellow (18%)
- Black (30%)



- Cyan (70%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB393 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 4DB393 by changing the saturation by 10% instead.

 4DB393

 4DB393


FFFFFF

 2E9879

 86EBC9

 007D60

 A3FFE5

 006449

 C0FFFF

 004B32

 DDFFFF

 00341D

 FAFFFF

 001F04

 000000

 4DB393

 4DB393

 3BB38D

 5FB399

 29B388

 71B39E

 17B382

 83B3A4

 05B37D

 95B3A9

 00B37B

 A7B3AF

 B8B3B5

 CAB3BA

 DCB3C0

 EEB3C6

Harmonies

Analogous

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



7BAE73



4DB393



00B4B6

Triad

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



4DB393



929EE2



DB8F6F

Complementary

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



4DB393



B34D6D

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.



E4878D



4DB393



C091CF

Square

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



4DB393



56A9E4



DC88B0



C39B5E

Rectangle

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



4DB393



00B2CB



DC88B0



E08C78

Sweetspot

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



4DB393



C1E8DC



6DB34D



5E756E



F5F5F5



757575

Same Dimension

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



4DB393



4AE8B7



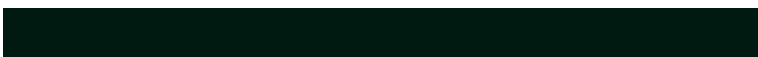
4DA0B3



505956



009969



001A12

Inverse Universe

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



B34D6D



E84A7C



B3604D



595053



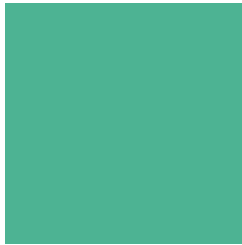
990030



1A0008

Previews

White Background



This preview shows how the Hex color 4DB393 looks on a white background.

Color Contrast Check

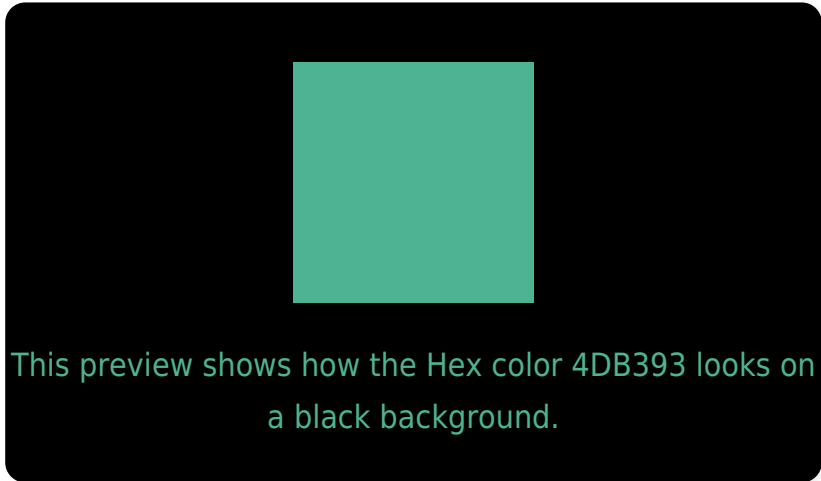
Large Text (above 18pt) WCAG AA × Fail

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

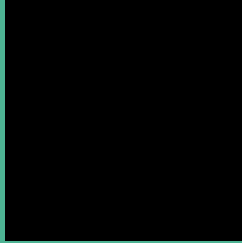
Any Text WCAG AA ✓ Pass

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 4DB393 Background



This preview shows how black text looks on a background with the Hex color 4DB393.

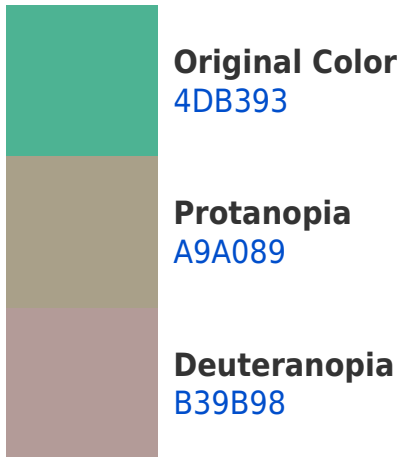


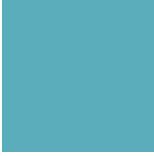
This preview shows how white text looks on a background with the Hex color 4DB393.

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
5BADBB

Trichromacy



Original Color
4DB393



Protanomaly
88A78D



Deuteranomaly
8EA496



Tritanomaly
56AFAC

Monochromacy



Original Color
4DB393



Achromatopsia
919191



Achromatomaly
789D92

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB393 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 #4DB393 looks like.

```
.text, #text, p{  
    color:#4DB393  
}
```

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 #4DB393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB393
}
```

Border

The CSS property to change the border of an element to Hex 4DB393 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
#4DB393 }
```

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

```
.border{ border-color:#4DB393 }
```

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

Here you see how a box with a 4 pixel #4DB393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB393; -webkit-box-shadow:4px 4px  
4px 4px #4DB393; box-shadow:4px 4px 4px  
4px #4DB393 }
```

Background

The CSS property to change the background color of an element to Hex 4DB393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB393 }
```

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

```
.background{ background-color:#4DB393 }
```

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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