

Converting Colors

Hex(52D98B)

Have a look what the booklet for
Hex(52D98B) contains.

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Color

Hex(52D98B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 52D98B |
| RGB | 82, 217, 139 |
| RGB Percent | 32%, 85%, 55% |
| CMY | 0.6784, 0.1490, 0.4549 |
| CMYK | 0.62, 0.00, 0.36, 0.15 |
| HSL | 145°, 64%, 59% |
| HSV | 145°, 62%, 85% |
| XYZ | 32.9527, 53.2836, 32.9741 |
| YIQ | 167.7430, -55.4220, -52.8780 |

Conversions

Conversions Part 2

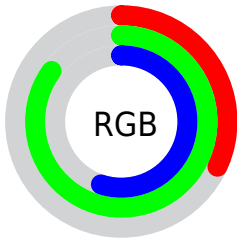
| Format | Color |
|-------------------------------------|--|
| RYB | 82, 177, 217 |
| Decimal | 5429643 |
| CIELab | 78.04, -54.10, 27.83 |
| CIELCh | 78, 60.841, 152.775 |
| Yxy | 53.2836, 0.2764, 0.4470 |
| Android (android.graphics.Color) | 4283619723 (0xFF52D98B) |
| YUV | 167.7430, -14.1703, -75.1966 |
| Hunter-Lab | 72.9956, -47.1613, 24.3141 |

Details

The Hex color **52D98B** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D952A0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **8FFFC1**, and **00A158** is the 20% darker color. If you saturate the color by 10%, you get **3CD97E**, and if you desaturate by 10%, it is **68D998**.

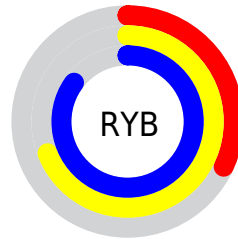
Distribution



Red (32%)

Green (85%)

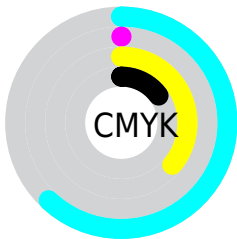
Blue (55%)



Red (32%)

Yellow (69%)

Blue (85%)

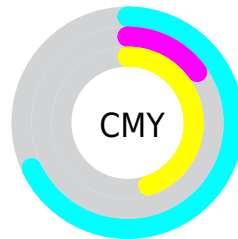


Cyan (62%)

Magenta (0%)

Yellow (36%)

Black (15%)



Cyan (68%)

Magenta (15%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52D98B 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 52D98B by changing the saturation by 10% instead.

 52D98B

 52D98B

FFFFFF

 2EBD71

 8FFFC1

 00A158

 ADFFD

 008640

 CBFFFA

 006C29

 E9FFFF

 005212

 003A00

 002300

 000000

 52D98B

 52D98B

 3CD97E

 68D998

 27D972

 7DD9A4

 11D965

 93D9B1

 00D95C

 A9D9BD

 BFD9CA

 D4D9D6

 EAD9E3

 FFD9EF

 FFD9FC

Harmonies

Analogous

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



A2CF5D



52D98B



00DDC5

Triad

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



52D98B



5CC5FF



FF9787

Complementary

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



52D98B



D952A0

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.



FF8FBE



52D98B



CBB0FF

Square

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



52D98B



00D4FF



FF9AF6



FFAB5C

Rectangle

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



52D98B



00DDEB



FF9AF6



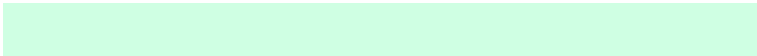
FF9398

Sweetspot

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



52D98B



CFFFE3



A1D952



62806F



000000



808080

Same Dimension

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



52D98B



40FF90



52D9CE



636E67



00AD49



002E13

Inverse Universe

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



D952A0



FF40AE



D9525D



6E6369



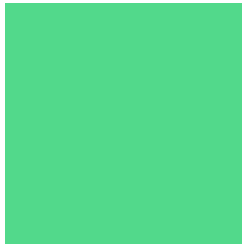
AD0064



2E001B

Previews

White Background



This preview shows how the Hex color 52D98B 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 52D98B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

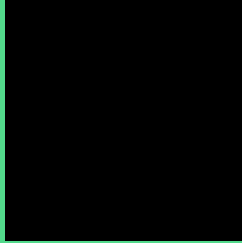
Any Text WCAG AA ✓ Pass

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 52D98B Background



This preview shows how black text looks on a background with the Hex color 52D98B.

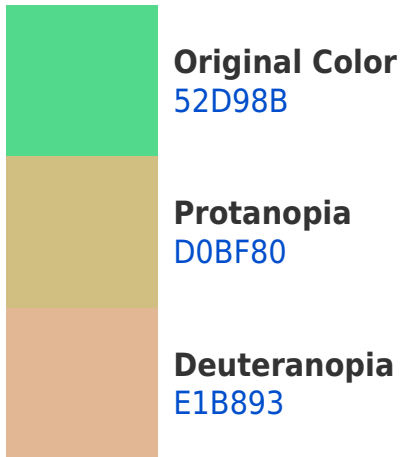


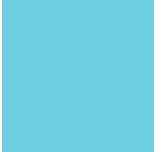
This preview shows how white text looks on a background with the Hex color 52D98B.

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
6DCFDF

Trichromacy



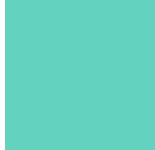
Original Color
52D98B



Protanomaly
A2C884



Deuteranomaly
ADC490



Tritanomaly
63D3C0

Monochromacy



Original Color
52D98B



Achromatopsia
A8A8A8



Achromatomaly
89BA9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 52D98B 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 #52D98B looks like.

```
.text, #text, p{  
    color:#52D98B  
}
```

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 #52D98B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D98B
}
```

Border

The CSS property to change the border of an element to Hex 52D98B 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
#52D98B }
```

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

```
.border{ border-color:#52D98B }
```

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

Here you see how a box with a 4 pixel #52D98B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D98B; -webkit-box-shadow:4px 4px  
4px 4px #52D98B; box-shadow:4px 4px 4px  
4px #52D98B }
```

Background

The CSS property to change the background color of an element to Hex 52D98B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D98B }
```

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

```
.background{ background-color:#52D98B }
```

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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