

Converting Colors

Hex(5DA493)

Have a look what the booklet for
Hex(5DA493) contains.

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Color

Hex(5DA493)

Conversions

Conversions Part 1

Format	Color
Hex	5DA493
RGB	93, 164, 147
RGB Percent	36%, 64%, 58%
CMY	0.6353, 0.3569, 0.4235
CMYK	0.43, 0.00, 0.10, 0.36
HSL	166°, 28%, 50%
HSV	166°, 43%, 64%
XYZ	23.0561, 30.9847, 32.3692
YIQ	140.8330, -36.8590, -20.3390

Conversions

Conversions Part 2

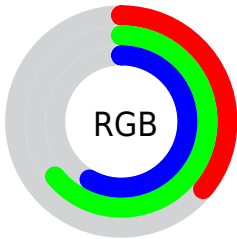
Format	Color
RYB	93, 133, 164
Decimal	6136979
CIELab	62.49, -26.51, 1.85
CIElCh	62, 26.573, 175.999
Yxy	30.9847, 0.2668, 0.3586
Android (android.graphics.Color)	4284327059 (0xFF5DA493)
YUV	140.8330, 3.0403, -41.9495
Hunter-Lab	55.6639, -23.4766, 4.4868

Details

The Hex color **5DA493** is a dark color, and the websafe version is hex **339999**, and the color name is **polished pine**. A complement of this color would be **A45D6E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **93DBC9**, and **277061** is the 20% darker color. If you saturate the color by 10%, you get **4DA48F**, and if you desaturate by 10%, it is **6DA497**.

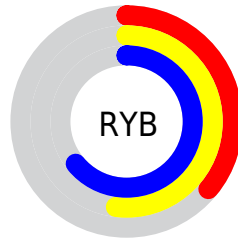
Distribution



Red (36%)

Green (64%)

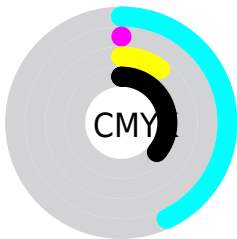
Blue (58%)



Red (36%)

Yellow (52%)

Blue (64%)

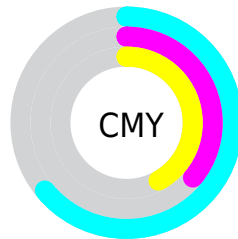


Cyan (43%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA493 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 5DA493 by changing the saturation by 10% instead.

 5DA493

 5DA493

FFFFFF

 428979

 93DBC9

 277061

 AFF8E5

 015749

 CBFFFF

 003F32

 E8FFFF

 00291D

 001004

 000000

 5DA493

 5DA493

 4DA48F

 6DA497

 3CA48B

 7EA49B

 2CA487

 8EA49F

 1BA483

 9FA4A3

 0BA47F

 AFA4A7

 00A47D

 BFA4AB

 D0A4AE

 E0A4B2

 F1A4B6

Harmonies

Analogous

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



77A17C



5DA493



4DA4AB

Triad

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



5DA493



9692C1



BD8D71

Complementary

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



5DA493



A45D6E

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.



C68784



5DA493



B28AB2

Square

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



5DA493



749AC6



C3869B



AB9568

Rectangle

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



5DA493



50A2B8



C3869B



C28A76

Sweetspot

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



5DA493



BAD6D0



6FA45D



5A6B67



EBEBEB



6B6B6B

Same Dimension

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



5DA493



67D6BC



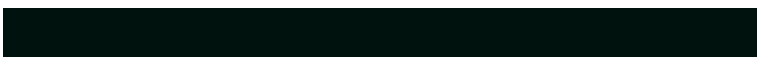
5D92A4



495250



00916F



00120E

Inverse Universe

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



A45D6E



D66781



A46F5D



52494B



910023



120004

Previews

White Background



This preview shows how the Hex color 5DA493 looks on a white background.

Color Contrast Check

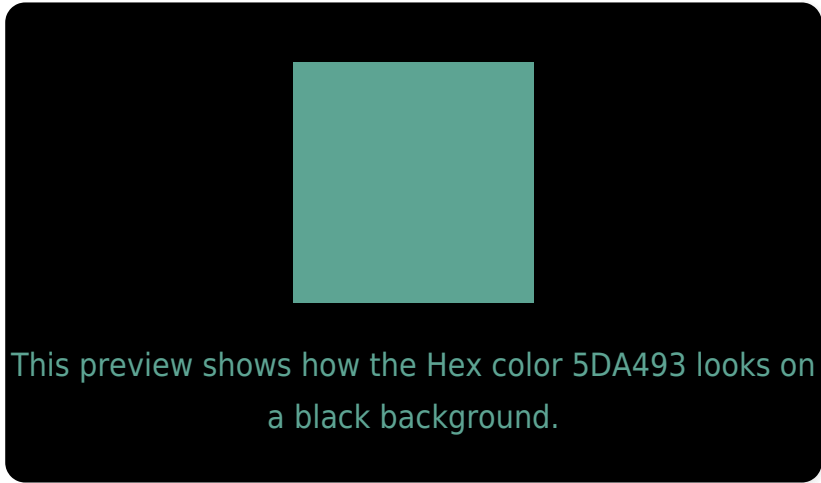
Large Text (above 18pt) WCAG AA × Fail

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

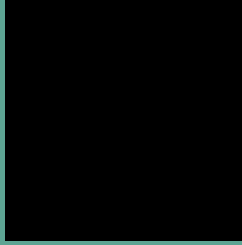
Any Text WCAG AA ✓ Pass

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 5DA493 Background



This preview shows how black text looks on a background with the Hex color 5DA493.

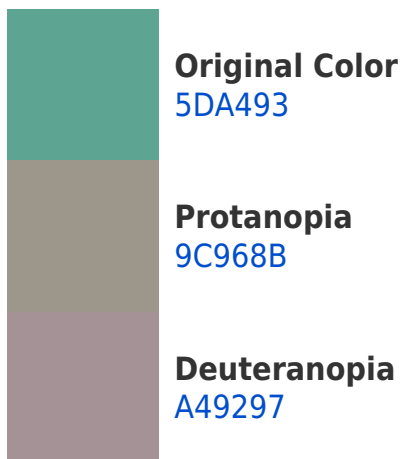


This preview shows how white text looks on a background with the Hex color 5DA493.

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
64A0AD

Trichromacy



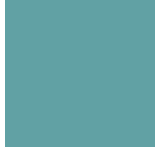
Original Color
5DA493



Protanomaly
859B8E



Deuteranomaly
8A9996



Tritanomaly
61A1A4

Monochromacy



Original Color
5DA493



Achromatopsia
8D8D8D



Achromatomaly
7C958F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA493 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 #5DA493 looks like.

```
.text, #text, p{  
    color:#5DA493  
}
```

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 #5DA493 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA493
}
```

Border

The CSS property to change the border of an element to Hex 5DA493 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
#5DA493 }
```

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

```
.border{ border-color:#5DA493 }
```

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

Here you see how a box with a 4 pixel #5DA493 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA493; -webkit-box-shadow:4px 4px  
4px 4px #5DA493; box-shadow:4px 4px 4px  
4px #5DA493 }
```

Background

The CSS property to change the background color of an element to Hex 5DA493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA493 }
```

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

```
.background{ background-color:#5DA493 }
```

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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