

Converting Colors

Hex(5DA48A)

Have a look what the booklet for
Hex(5DA48A) contains.

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Color

Hex(5DA48A)

Conversions

Conversions Part 1

Format	Color
Hex	5DA48A
RGB	93, 164, 138
RGB Percent	36%, 64%, 54%
CMY	0.6353, 0.3569, 0.4588
CMYK	0.43, 0.00, 0.16, 0.36
HSL	158°, 28%, 50%
HSV	158°, 43%, 64%
XYZ	22.3771, 30.7131, 28.7936
YIQ	139.8070, -33.9700, -23.1380

Conversions

Conversions Part 2

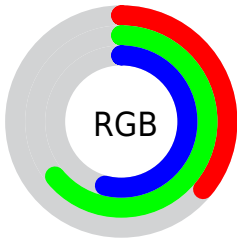
Format	Color
RYB	93, 136, 164
Decimal	6136970
CIELab	62.26, -28.61, 6.57
CIELCh	62, 29.352, 167.074
Yxy	30.7131, 0.2733, 0.3751
Android (android.graphics.Color)	4284327050 (0xFF5DA48A)
YUV	139.8070, -0.8909, -41.0497
Hunter-Lab	55.4194, -24.9095, 7.9890

Details

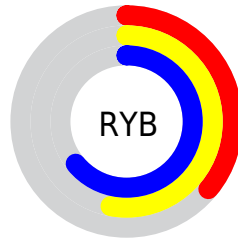
The Hex color **5DA48A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A45D77**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **93DBBF**, and **277058** is the 20% darker color. If you saturate the color by 10%, you get **4DA484**, and if you desaturate by 10%, it is **6DA490**.

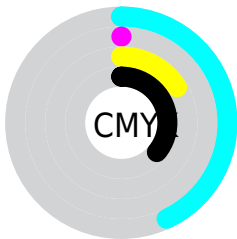
Distribution



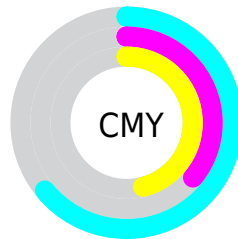
- Red (36%)
- Green (64%)
- Blue (54%)



- Red (36%)
- Yellow (53%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA48A 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 5DA48A by changing the saturation by 10% instead.

 5DA48A

 5DA48A

FFFFFF

 438971

 93DBBF

 277058

 AEF8DB

 035741

 CBFFF8

 003F2B

 E7FFFF

 002916

 000F00

 000000

 5DA48A

 5DA48A

 4DA484

 6DA490

 3CA47E

 7EA496

 2CA478

 8EA49C

 1BA472

 9FA4A2

 0BA46C

 AFA4A8

 00A468

 BFA4AE

 D0A4B4

 E0A4BA

 F1A4C0

Harmonies

Analogous

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



7CA072



5DA48A



43A5A5

Triad

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



5DA48A



8A94C8



C48972

Complementary

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



5DA48A



A45D77

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.



CA8388



5DA48A



AC8BBA

Square

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



5DA48A



629CC9



C384A3



B39164

Rectangle

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



5DA48A



3EA3B5



C384A3



C88678

Sweetspot

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



5DA48A



BAD6CC



77A45D



5A6B65



EBEBEB



6B6B6B

Same Dimension

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



5DA48A



67D6AD



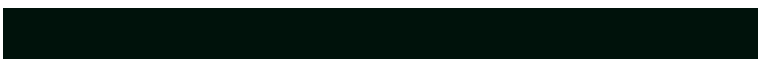
5D9BA4



49524F



00915C



00120B

Inverse Universe

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



A45D77



D66790



A4665D



52494C



910035



120007

Previews

White Background



This preview shows how the Hex color 5DA48A looks on a white background.

Color Contrast Check

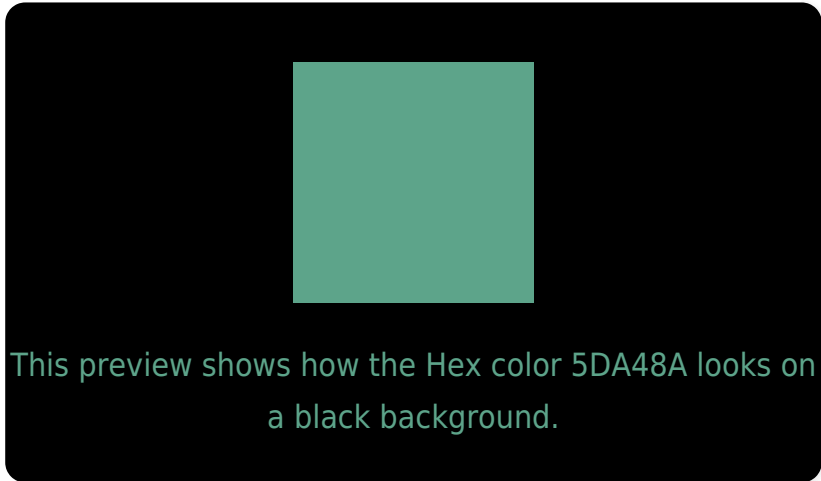
Large Text (above 18pt) WCAG AA × Fail

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

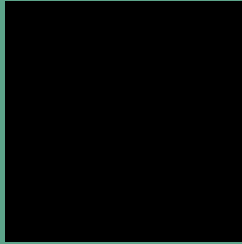
Any Text WCAG AA ✓ Pass

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 5DA48A Background



This preview shows how black text looks on a background with the Hex color 5DA48A.



This preview shows how white text looks on a background with the Hex color 5DA48A.

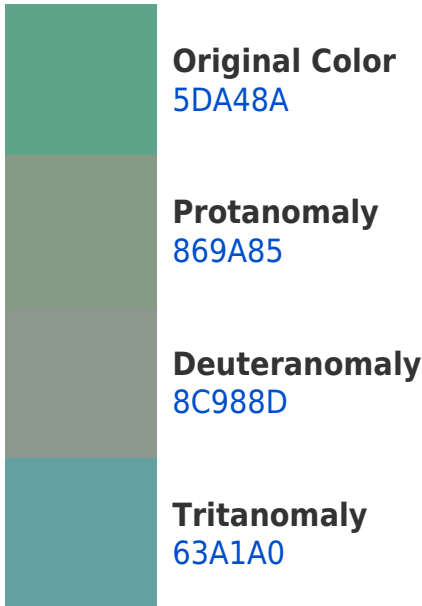
Color Blindness Simulation

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](#).

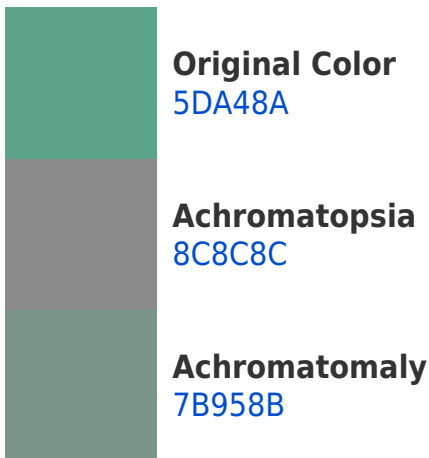
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA48A 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 #5DA48A looks like.

```
.text, #text, p{  
    color:#5DA48A  
}
```

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 #5DA48A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA48A
}
```

Border

The CSS property to change the border of an element to Hex 5DA48A 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
#5DA48A }
```

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

```
.border{ border-color:#5DA48A }
```

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

Here you see how a box with a 4 pixel #5DA48A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA48A; -webkit-box-shadow:4px 4px  
4px 4px #5DA48A; box-shadow:4px 4px 4px  
4px #5DA48A }
```

Background

The CSS property to change the background color of an element to Hex 5DA48A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA48A }
```

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

```
.background{ background-color:#5DA48A }
```

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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