

Converting Colors

Hex(5DA17D)

Have a look what the booklet for
Hex(5DA17D) contains.

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Color

Hex(5DA17D)

Conversions

Conversions Part 1

Format	Color
Hex	5DA17D
RGB	93, 161, 125
RGB Percent	36%, 63%, 49%
CMY	0.6353, 0.3686, 0.5098
CMYK	0.42, 0.00, 0.22, 0.37
HSL	148°, 27%, 50%
HSV	148°, 42%, 63%
XYZ	20.9607, 29.2976, 23.9523
YIQ	136.5640, -28.9720, -25.6120

Conversions

Conversions Part 2

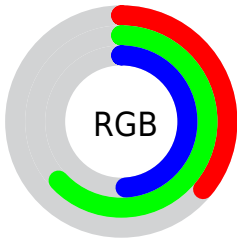
Format	Color
R_{YB}	93, 139, 161
Decimal	6136189
CIE _{Lab}	61.04, -30.00, 12.10
CIE _{LCh}	61, 32.349, 158.034
Yxy	29.2976, 0.2824, 0.3948
Android (android.graphics.Color)	4284326269 (0xFF5DA17D)
YUV	136.5640, -5.7011, -38.2056
Hunter-Lab	54.1272, -25.5986, 11.6521

Details

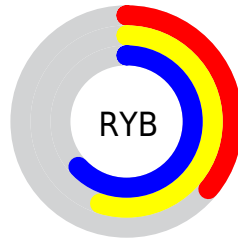
The Hex color **5DA17D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A15D81**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **92D8B2**, and **286D4C** is the 20% darker color. If you saturate the color by 10%, you get **4DA174**, and if you desaturate by 10%, it is **6DA186**.

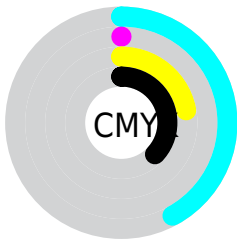
Distribution



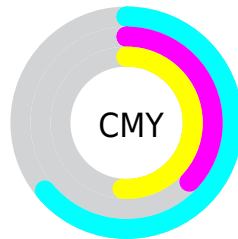
- Red (36%)
- Green (63%)
- Blue (49%)



- Red (36%)
- Yellow (55%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (22%)
- Black (37%)



- Cyan (64%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA17D 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 5DA17D by changing the saturation by 10% instead.

 5DA17D

 5DA17D

FFFFFF

 438764

 92D8B2

 286D4C

 AEF5CD

 075435

 CAFFE9

 003C20

 E7FFFF

 002609

 000700

 000000

 5DA17D

 5DA17D

 4DA174

 6DA186

■ 3DA16C

■ 7DA18E

■ 2DA163

■ 8DA197

■ 1DA15B

■ 9DA19F

■ 0CA152

■ AEA1A8

■ 00A14C

■ BEA1B0

■ CEA1B9

■ DEA1C1

■ EEA1CA

Harmonies

Analogous

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



809C65



5DA17D



38A39A

Triad

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



5DA17D



7793CC



C88171

Complementary

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



5DA17D



A15D81

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.



CB7D8D



5DA17D



A189C0

Square

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



5DA17D



489CC8



BE80A9



B88A5F

Rectangle

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



5DA17D



25A2AD



BE80A9



CB7F7A

Sweetspot

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



5DA17D



B6D1C3



81A15D



586960



E8E8E8



696969

Same Dimension

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



5DA17D



66D199



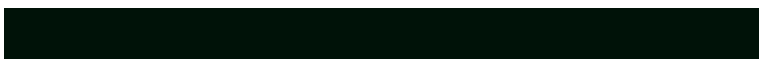
5DA19F



49524D



009144



001208

Inverse Universe

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



A15D81



D1669F



A15D5F



52494E



91004D



120009

Previews

White Background



This preview shows how the Hex color 5DA17D looks on a white background.

Color Contrast Check

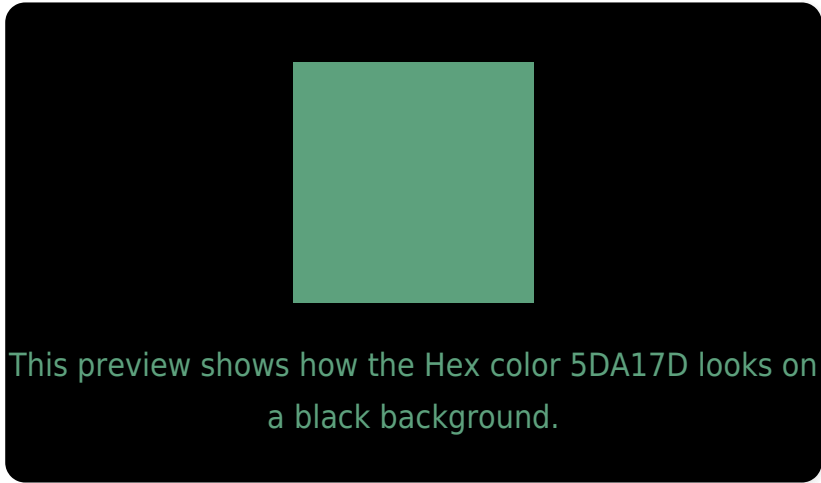
Large Text (above 18pt) WCAG AA ✓ Pass

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

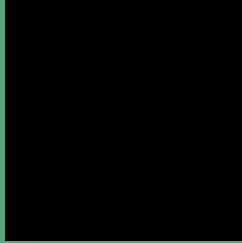
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5DA17D Background



This preview shows how black text looks on a background with the Hex color 5DA17D.




This preview shows how white text looks on a background with the Hex color 5DA17D.

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](#).

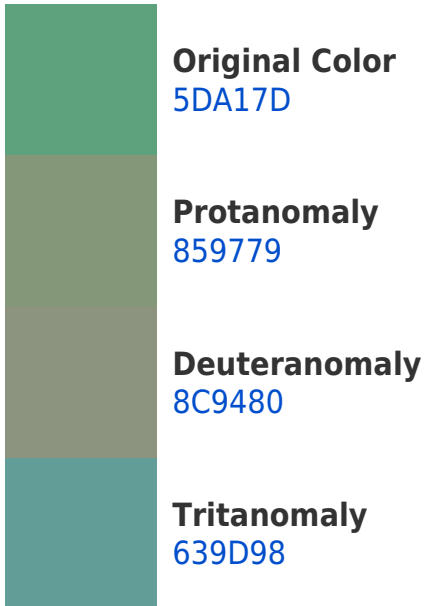
Dichromacy



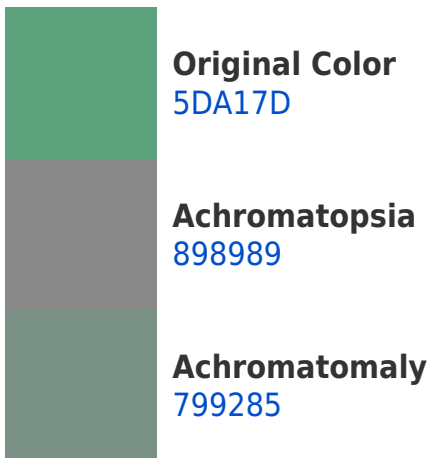


Tritanopia
679BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA17D 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 #5DA17D looks like.

```
.text, #text, p{  
    color:#5DA17D  
}
```

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 #5DA17D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA17D
}
```

Border

The CSS property to change the border of an element to Hex 5DA17D 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
#5DA17D }
```

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

```
.border{ border-color:#5DA17D }
```

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

Here you see how a box with a 4 pixel #5DA17D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA17D; -webkit-box-shadow:4px 4px  
4px 4px #5DA17D; box-shadow:4px 4px 4px  
4px #5DA17D }
```

Background

The CSS property to change the background color of an element to Hex 5DA17D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA17D }
```

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

```
.background{ background-color:#5DA17D }
```

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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