

Converting Colors

Hex(5DA07B)

Have a look what the booklet for
Hex(5DA07B) contains.

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Color

Hex(5DA07B)

Conversions

Conversions Part 1

Format	Color
Hex	5DA07B
RGB	93, 160, 123
RGB Percent	36%, 63%, 48%
CMY	0.6353, 0.3725, 0.5176
CMYK	0.42, 0.00, 0.23, 0.37
HSL	147°, 26%, 50%
HSV	147°, 42%, 63%
XYZ	20.6602, 28.8988, 23.2280
YIQ	135.7490, -28.0550, -25.7110

Conversions

Conversions Part 2

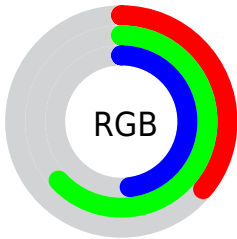
Format	Color
RYB	93, 139, 160
Decimal	6135931
CIELab	60.69, -29.94, 12.72
CIELCh	61, 32.530, 156.973
Yxy	28.8988, 0.2838, 0.3970
Android (android.graphics.Color)	4284326011 (0xFF5DA07B)
YUV	135.7490, -6.2853, -37.4909
Hunter-Lab	53.7576, -25.4746, 12.0119

Details

The Hex color **5DA07B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A05D82**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **92D7B0**, and **296C4A** is the 20% darker color. If you saturate the color by 10%, you get **4DA072**, and if you desaturate by 10%, it is **6DA084**.

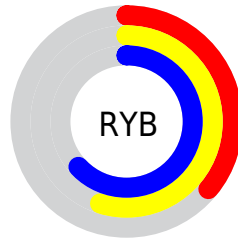
Distribution



Red (36%)

Green (63%)

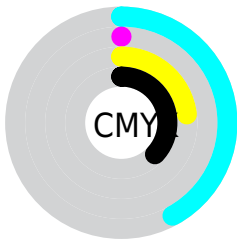
Blue (48%)



Red (36%)

Yellow (55%)

Blue (63%)

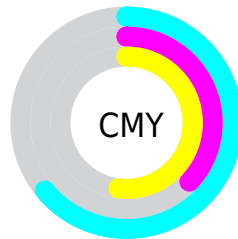


Cyan (42%)

Magenta (0%)

Yellow (23%)

Black (37%)



Cyan (64%)

Magenta (37%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA07B 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 5DA07B by changing the saturation by 10% instead.

 5DA07B

 5DA07B

FFFFFF

 438662

 92D7B0

 296C4A

 AEF4CB

 085333

 CAFFE7

 003C1E

 E6FFFF

 002606

 000500

 000000

 5DA07B

 5DA07B

 4DA072

 6DA084

 3DA069

 7DA08D

 2DA060

 8DA096

 1DA058

 9DA09E

 0DA04F

 ADA0A7

 00A048

 BDA0B0

 CDA0B9

 DDA0C2

 EDA0CB

Harmonies

Analogous

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



809B64



5DA07B



37A298

Triad

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



5DA07B



7493CB



C88071

Complementary

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



5DA07B



A05D82

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.



CA7C8D



5DA07B



9F89C0

Square

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



5DA07B



449BC7



BC80A9



B8895E

Rectangle

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



5DA07B



22A1AB



BC80A9



CA7E7A

Sweetspot

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



5DA07B



B6D1C2



83A05D



58695F



E8E8E8



696969

Same Dimension

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



5DA07B



69D197



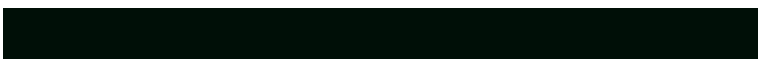
5DA09C



474F4B



008F40



000F07

Inverse Universe

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



A05D82



D169A2



A05D61



4F474C



8F004F



0F0008

Previews

White Background



This preview shows how the Hex color 5DA07B looks on a white background.

Color Contrast Check

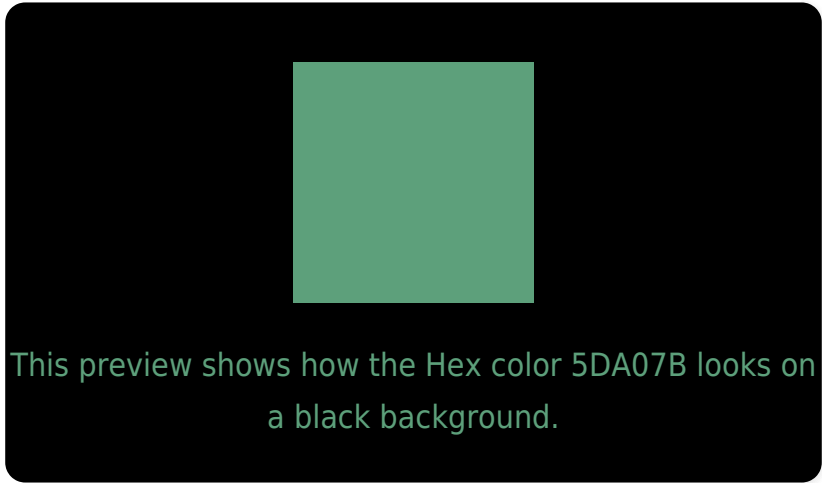
Large Text (above 18pt) WCAG AA ✓ Pass

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

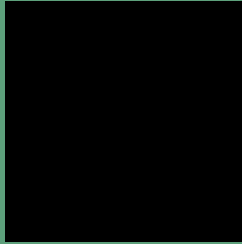
Any Text WCAG AA ✓ Pass

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 5DA07B Background



This preview shows how black text looks on a background with the Hex color 5DA07B.



This preview shows how white text looks on a background with the Hex color 5DA07B.

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



Original Color
5DA07B

Protanopia
9B9174

Deuteranopia
A68C7F



Tritanopia
679AA7

Trichromacy



Original Color
5DA07B

Protanomaly
849677

Deuteranomaly
8B937E

Tritanomaly
639C97

Monochromacy



Original Color
5DA07B

Achromatopsia
888888

Achromatomaly
789183

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA07B 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 #5DA07B looks like.

```
.text, #text, p{  
    color:#5DA07B  
}
```

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 #5DA07B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA07B
}
```

Border

The CSS property to change the border of an element to Hex 5DA07B 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
#5DA07B }
```

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

```
.border{ border-color:#5DA07B }
```

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

Here you see how a box with a 4 pixel #5DA07B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA07B; -webkit-box-shadow:4px 4px  
4px 4px #5DA07B; box-shadow:4px 4px 4px  
4px #5DA07B }
```

Background

The CSS property to change the background color of an element to Hex 5DA07B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA07B }
```

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

```
.background{ background-color:#5DA07B }
```

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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