

Converting Colors

Hex(5DA870)

Have a look what the booklet for
Hex(5DA870) contains.

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Color

Hex(5DA870)

Conversions

Conversions Part 1

Format	Color
Hex	5DA870
RGB	93, 168, 112
RGB Percent	36%, 66%, 44%
CMY	0.6353, 0.3412, 0.5608
CMYK	0.45, 0.00, 0.33, 0.34
HSL	135°, 30%, 51%
HSV	135°, 45%, 66%
XYZ	21.4415, 31.5023, 20.2797
YIQ	139.1910, -26.7240, -33.3160

Conversions

Conversions Part 2

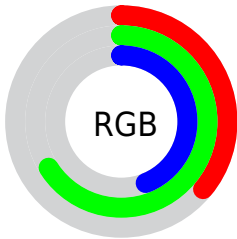
Format	Color
RYB	93, 153, 168
Decimal	6137968
CIELab	62.93, -35.84, 21.87
CIELCh	63, 41.983, 148.609
Yxy	31.5023, 0.2928, 0.4302
Android (android.graphics.Color)	4284328048 (0xFF5DA870)
YUV	139.1910, -13.4052, -40.5095
Hunter-Lab	56.1269, -30.0319, 17.8662

Details

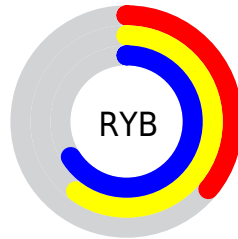
The Hex color **5DA870** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A85D95**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **93E0A4**, and **277340** is the 20% darker color. If you saturate the color by 10%, you get **4CA863**, and if you desaturate by 10%, it is **6EA87D**.

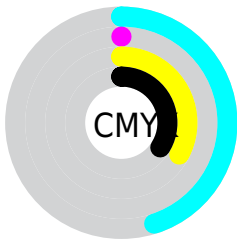
Distribution



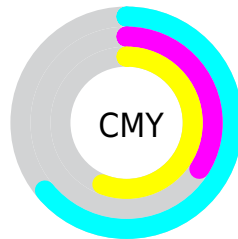
- Red (36%)
- Green (66%)
- Blue (44%)



- Red (36%)
- Yellow (60%)
- Blue (66%)



- Cyan (45%)
- Magenta (0%)
- Yellow (33%)
- Black (34%)



- Cyan (64%)
- Magenta (34%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA870 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 5DA870 by changing the saturation by 10% instead.

 5DA870

 5DA870


FFFFFF

 428D57

 93E0A4

 277340

 AFFDBF

 015A29

 CBFFDB

 004213

 E8FFF8

 002B00

 001200

 000000

 5DA870

 5DA870

 4CA863

 6EA87D

 3BA857

 7FA889

 2BA84A

 8FA896

 1AA83E

 A0A8A2

 09A831

 B1A8AF

 00A82B

 C2A8BB

 D3A8C8

 E3A8D4

 F4A8E1

Harmonies

Analogous

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



8BA155



5DA870



07AB95

Triad

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



5DA870



579DE3



DE7D77

Complementary

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



5DA870



A85D95

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.



DC7A9C



5DA870



998FDA

Square

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



5DA870



00A6D7



C582C0



CE8859

Rectangle

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



5DA870



00ACAF



C582C0



E07B82

Sweetspot

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



5DA870



BFDBC6



95A85D



5C6E61



EDEDED



6E6E6E

Same Dimension

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



5DA870



65DB83



5DA895



4C544E



009425



001405

Inverse Universe

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



A85D95



DB65BD



A85D70



544C52



94006E



14000F

Previews

White Background



This preview shows how the Hex color 5DA870 looks on a white background.

Color Contrast Check

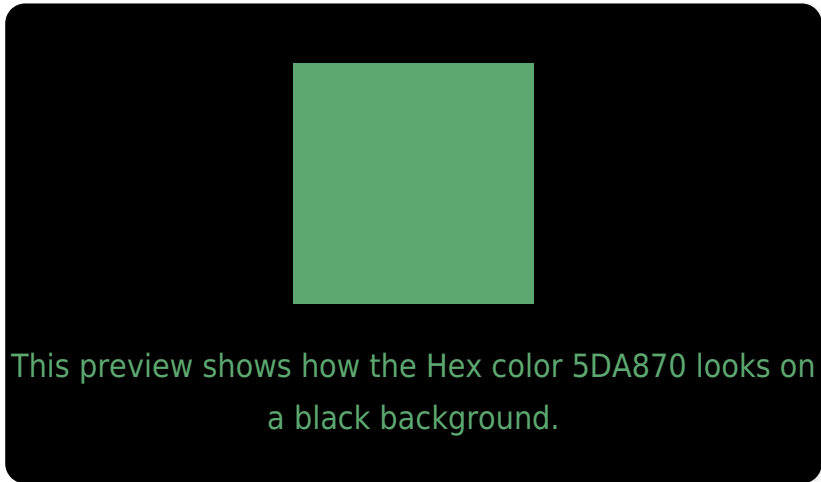
Large Text (above 18pt) WCAG AA × Fail

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

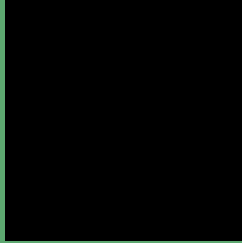
Any Text WCAG AA ✓ Pass

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 5DA870 Background



This preview shows how black text looks on a background with the Hex color 5DA870.

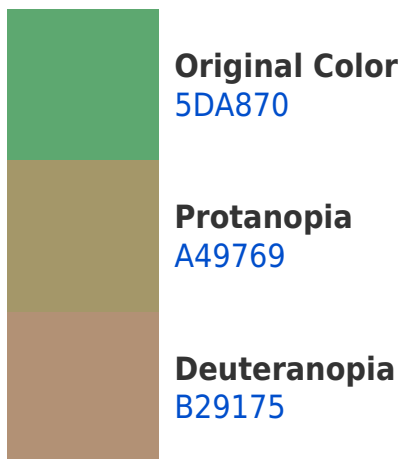


This preview shows how white text looks on a background with the Hex color 5DA870.

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
6BA0AD

Trichromacy



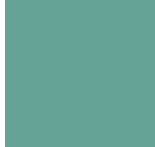
Original Color
5DA870



Protanomaly
8A9D6C



Deuteranomaly
939973



Tritanomaly
66A397

Monochromacy



Original Color
5DA870



Achromatopsia
8B8B8B



Achromatomaly
7A9681

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA870 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 #5DA870 looks like.

```
.text, #text, p{  
    color:#5DA870  
}
```

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 #5DA870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA870
}
```

Border

The CSS property to change the border of an element to Hex 5DA870 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
#5DA870 }
```

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

```
.border{ border-color:#5DA870 }
```

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

Here you see how a box with a 4 pixel #5DA870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA870; -webkit-box-shadow:4px 4px  
4px 4px #5DA870; box-shadow:4px 4px 4px  
4px #5DA870 }
```

Background

The CSS property to change the background color of an element to Hex 5DA870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA870 }
```

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

```
.background{ background-color:#5DA870 }
```

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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