

Converting Colors

Hex(5AA574)

Have a look what the booklet for
Hex(5AA574) contains.

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Color

Hex(5AA574)

Conversions

Conversions Part 1

Format	Color
Hex	5AA574
RGB	90, 165, 116
RGB Percent	35%, 65%, 45%
CMY	0.6471, 0.3529, 0.5451
CMYK	0.45, 0.00, 0.30, 0.35
HSL	141°, 29%, 50%
HSV	141°, 45%, 65%
XYZ	20.8240, 30.3449, 21.2826
YIQ	136.9890, -28.9710, -31.1390

Conversions

Conversions Part 2

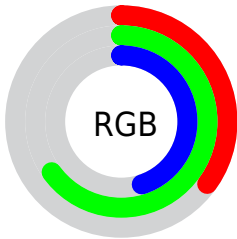
Format	Color
RYB	90, 146, 165
Decimal	5940596
CIELab	61.95, -34.57, 18.33
CIELCh	62, 39.128, 152.068
Yxy	30.3449, 0.2874, 0.4188
Android (android.graphics.Color)	4284130676 (0xFF5AA574)
YUV	136.9890, -10.3476, -41.2094
Hunter-Lab	55.0862, -28.9233, 15.6536

Details

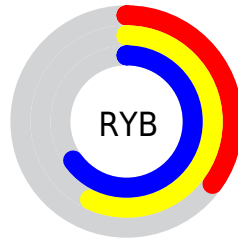
The Hex color **5AA574** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A55A8B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **90DDA8**, and **237043** is the 20% darker color. If you saturate the color by 10%, you get **4AA569**, and if you desaturate by 10%, it is **6AA57F**.

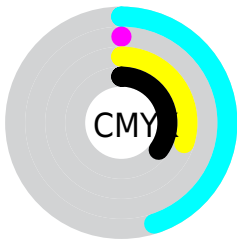
Distribution



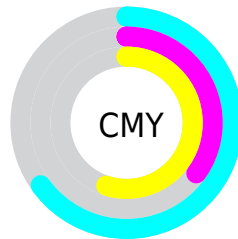
- Red (35%)
- Green (65%)
- Blue (45%)



- Red (35%)
- Yellow (57%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (35%)



- Cyan (65%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA574 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 5AA574 by changing the saturation by 10% instead.

 5AA574

 5AA574

FFFFFF

 3F8A5B

 90DDA8

 237043

 ABF9C4

 00572D

 C8FFE0

 003F17

 E4FFFC

 002900

 000D00

 000000

 5AA574

 5AA574

 4AA569

 6AA57F

 39A55E

 7BA58A

 29A554

 8BA594

 18A549

 9CA59F

 07A53E

 ACA5AA

 00A539

 BDA5B5

 CEA5BF

 DEA5CA

 EEA5D5

Harmonies

Analogous

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



859F59



5AA574



17A897

Triad

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



5AA574



6398DB



D67E73

Complementary

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



5AA574



A55A8B

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.



D67A95



5AA574



9C8CD0

Square

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



5AA574



00A2D2



C380B7



C68859

Rectangle

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



5AA574



00A8AF



C380B7



D87B7D

Sweetspot

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



5AA574



B8D6C3



8CA55A



596B5F



EBEBEB



6B6B6B

Same Dimension

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



5AA574



60D689



5AA598



49524C



009132



001206

Inverse Universe

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



A55A8B



D660AD



A55A67



52494F



91005F



12000C

Previews

White Background



This preview shows how the Hex color 5AA574 looks on a white background.

Color Contrast Check

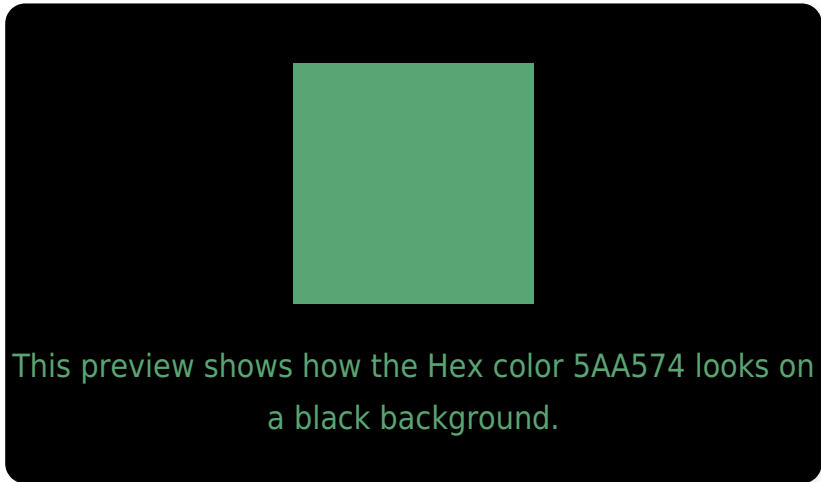
Large Text (above 18pt) WCAG AA × Fail

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

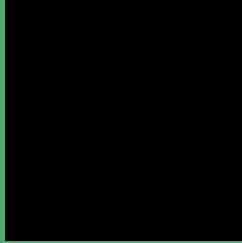
Any Text WCAG AA ✓ Pass

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 5AA574 Background



This preview shows how black text looks on a background with the Hex color 5AA574.



This preview shows how white text looks on a background with the Hex color 5AA574.

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
5AA574

Protanopia
A0956D

Deuteranopia
AD8F79



Tritanopia
679EAB

Trichromacy



Original Color
5AA574



Protanomaly
879B70



Deuteranomaly
8F9777



Tritanomaly
62A197

Monochromacy



Original Color
5AA574



Achromatopsia
898989



Achromatomaly
789381

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA574 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 #5AA574 looks like.

```
.text, #text, p{  
    color:#5AA574  
}
```

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 #5AA574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA574
}
```

Border

The CSS property to change the border of an element to Hex 5AA574 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
#5AA574 }
```

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

```
.border{ border-color:#5AA574 }
```

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

Here you see how a box with a 4 pixel #5AA574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA574; -webkit-box-shadow:4px 4px  
4px 4px #5AA574; box-shadow:4px 4px 4px  
4px #5AA574 }
```

Background

The CSS property to change the background color of an element to Hex 5AA574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA574 }
```

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

```
.background{ background-color:#5AA574 }
```

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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