

Converting Colors

Hex(5AA05A)

Have a look what the booklet for
Hex(5AA05A) contains.

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Color

Hex(5AA05A)

Conversions

Conversions Part 1

Format	Color
Hex	5AA05A
RGB	90, 160, 90
RGB Percent	35%, 63%, 35%
CMY	0.6471, 0.3725, 0.6471
CMYK	0.44, 0.00, 0.44, 0.37
HSL	120°, 28%, 49%
HSV	120°, 44%, 63%
XYZ	18.6327, 28.0535, 14.1057
YIQ	131.0900, -19.2500, -36.6100

Conversions

Conversions Part 2

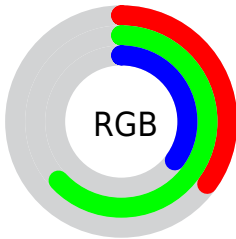
Format	Color
RYB	90, 160, 160
Decimal	5939290
CIELab	59.94, -36.86, 29.73
CIELCh	60, 47.351, 141.112
Yxy	28.0535, 0.3065, 0.4615
Android (android.graphics.Color)	4284129370 (0xFF5AA05A)
YUV	131.0900, -20.2574, -36.0359
Hunter-Lab	52.9655, -29.8952, 21.2859

Details

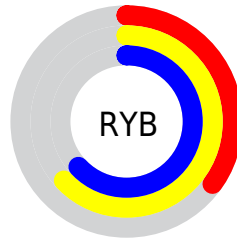
The Hex color **5AA05A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A05AA0**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **90D78D**, and **246C2A** is the 20% darker color. If you saturate the color by 10%, you get **4AA04A**, and if you desaturate by 10%, it is **6AA06A**.

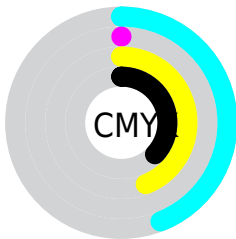
Distribution



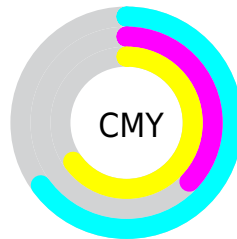
- Red (35%)
- Green (63%)
- Blue (35%)



- Red (35%)
- Yellow (63%)
- Blue (63%)



- Cyan (44%)
- Magenta (0%)
- Yellow (44%)
- Black (37%)



- Cyan (65%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA05A 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 5AA05A by changing the saturation by 10% instead.

 5AA05A

 5AA05A

FFFFFF

 3F8542

 90D78D

 246C2A

 ABF4A8

 005313

 C8FFC3

 003B00

 E4FFDF

 002600

 FFFFFC

 000000

 5AA05A

 5AA05A

 4AA04A

 6AA06A

 3AA03A

 7AA07A

 2AA02A

 8AA08A

 1AA01A

 9AA09A

 0AA00A

 AAA0AA

 00A000

 BAA0BA

 CAA0CA

 DAA0DA

 EAA0EA

Harmonies

Analogous

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



8C973F



5AA05A



00A582

Triad

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



5AA05A



0099E2



DE6E75

Complementary

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



5AA05A



A05AA0

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.



D76E9F



5AA05A



7F8ADE

Square

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



5AA05A



00A1D0



B87AC5



D07A51

Rectangle

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



5AA05A



00A59F



B87AC5



DE6D82

Sweetspot

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



5AA05A



B6D1B6



A0A05A



586958



E8E8E8



696969

Same Dimension

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



5AA05A



62D162



5AA07D



474F47



008F00



000F00

Inverse Universe

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



A05AA0



D162D1



A05A7D



4F474F



8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 5AA05A looks on a white background.

Color Contrast Check

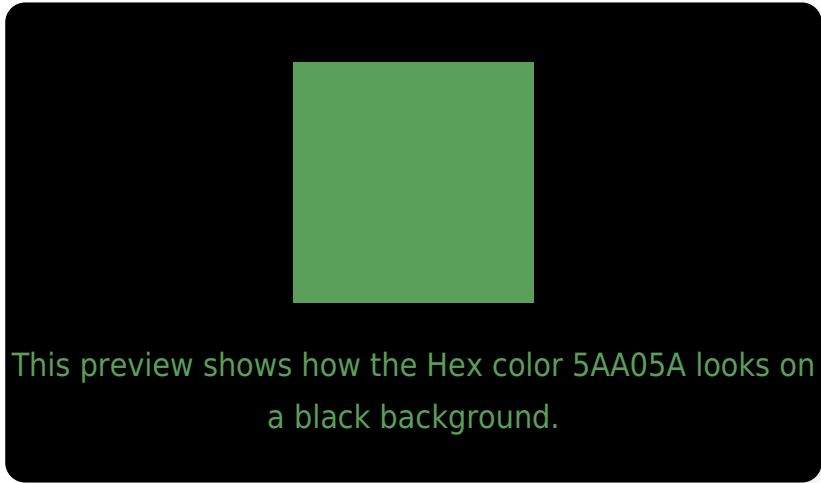
Large Text (above 18pt) WCAG AA ✓ Pass

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 5AA05A Background



This preview shows how black text looks on a background with the Hex color 5AA05A.

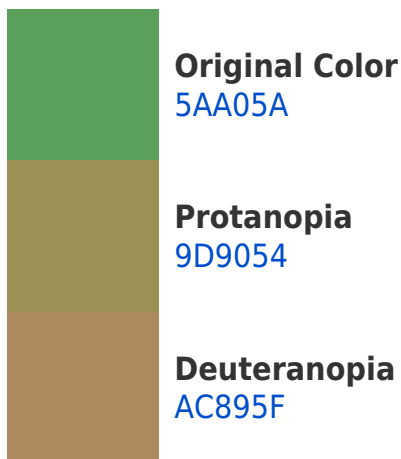


This preview shows how white text looks on a background with the Hex color 5AA05A.

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
6997A4

Trichromacy



Original Color

5AA05A



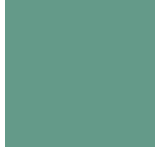
Protanomaly

859656



Deuteranomaly

8E915D



Tritanomaly

649A89

Monochromacy



Original Color

5AA05A



Achromatopsia

838383



Achromatomaly

748E74

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA05A 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 #5AA05A looks like.

```
.text, #text, p{  
    color:#5AA05A  
}
```

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 #5AA05A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA05A
}
```

Border

The CSS property to change the border of an element to Hex 5AA05A 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
#5AA05A }
```

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

```
.border{ border-color:#5AA05A }
```

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

Here you see how a box with a 4 pixel #5AA05A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA05A; -webkit-box-shadow:4px 4px  
4px 4px #5AA05A; box-shadow:4px 4px 4px  
4px #5AA05A }
```

Background

The CSS property to change the background color of an element to Hex 5AA05A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA05A }
```

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

```
.background{ background-color:#5AA05A }
```

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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