

Converting Colors

Hex(5AA66D)

Have a look what the booklet for
Hex(5AA66D) contains.

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Color

Hex(5AA66D)

Conversions

Conversions Part 1

Format	Color
Hex	5AA66D
RGB	90, 166, 109
RGB Percent	35%, 65%, 43%
CMY	0.6471, 0.3490, 0.5725
CMYK	0.46, 0.00, 0.34, 0.35
HSL	135°, 30%, 50%
HSV	135°, 46%, 65%
XYZ	20.6130, 30.5502, 19.2784
YIQ	136.7780, -26.9990, -33.8390

Conversions

Conversions Part 2

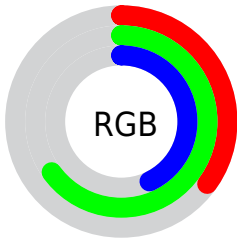
Format	Color
RYB	90, 151, 166
Decimal	5940845
CIELab	62.13, -36.35, 22.39
CIElCh	62, 42.693, 148.361
Yxy	30.5502, 0.2926, 0.4337
Android (android.graphics.Color)	4284130925 (0xFF5AA66D)
YUV	136.7780, -13.6946, -41.0243
Hunter-Lab	55.2723, -30.1575, 18.0109

Details

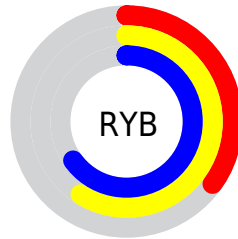
The Hex color **5AA66D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A65A93**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **90DEA1**, and **23713D** is the 20% darker color. If you saturate the color by 10%, you get **49A661**, and if you desaturate by 10%, it is **6BA679**.

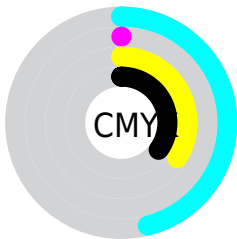
Distribution



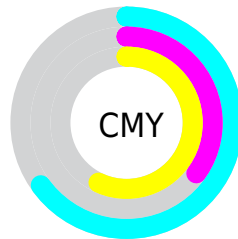
- Red (35%)
- Green (65%)
- Blue (43%)



- Red (35%)
- Yellow (59%)
- Blue (65%)



- Cyan (46%)
- Magenta (0%)
- Yellow (34%)
- Black (35%)



- Cyan (65%)
- Magenta (35%)
- Yellow (57%)
- Black (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA66D 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 5AA66D by changing the saturation by 10% instead.

 5AA66D

 5AA66D

FFFFFF

 3F8B54

 90DEA1

 23713D

 ACFABC

 005826

 C8FFD8

 004010

 E5FFF4

 002A00

 000E00

 000000

 5AA66D

 5AA66D

 49A661

 6BA679

 39A654

 7BA686

 28A648

 8CA692

 18A63B

 9CA69F

 07A62F

 ADA6AB

 00A629

 BEA6B8

 CEA6C4

 DFA6D1

 EFA6DD

Harmonies

Analogous

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



899F51



5AA66D



00A993

Triad

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



5AA66D



519BE1



DD7A74

Complementary

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



5AA66D



A65A93

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.



DB779A



5AA66D



968DD9

Square

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



5AA66D



00A4D6



C37FBE



CD8656

Rectangle

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



5AA66D



00AAAD



C37FBE



DE7880

Sweetspot

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



5AA66D



BAD9C2



93A65A



5B6E60



EDEDED



6E6E6E

Same Dimension

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



5AA66D



62D97F



5AA693



4C544E



009425



001405

Inverse Universe

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



A65A93



D962BB



A65A6D



544C52



94006F



14000F

Previews

White Background



This preview shows how the Hex color 5AA66D looks on a white background.

Color Contrast Check

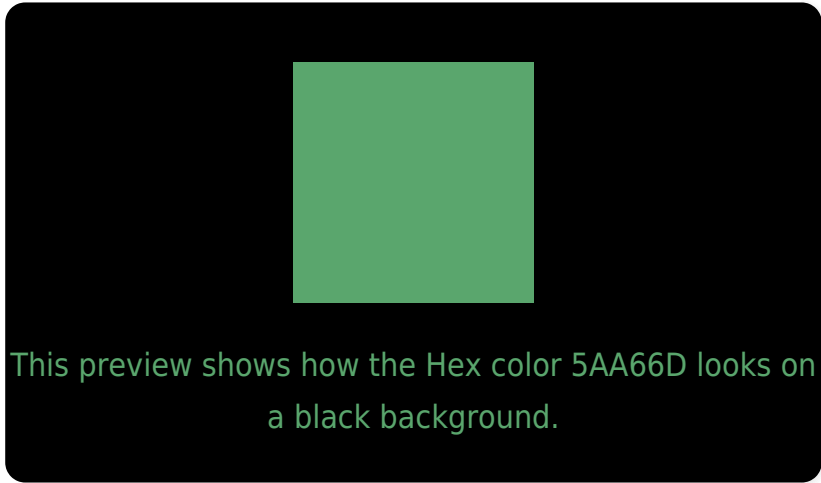
Large Text (above 18pt) WCAG AA × Fail

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

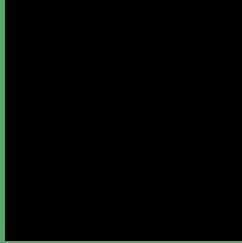
Any Text WCAG AA ✓ Pass

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 5AA66D Background



This preview shows how black text looks on a background with the Hex color 5AA66D.



This preview shows how white text looks on a background with the Hex color 5AA66D.

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

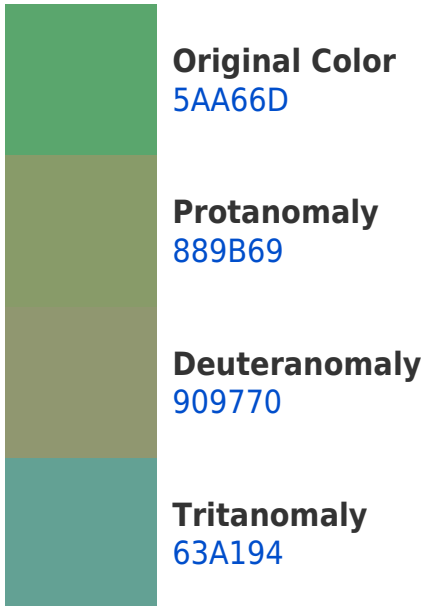


Original Color
5AA66D

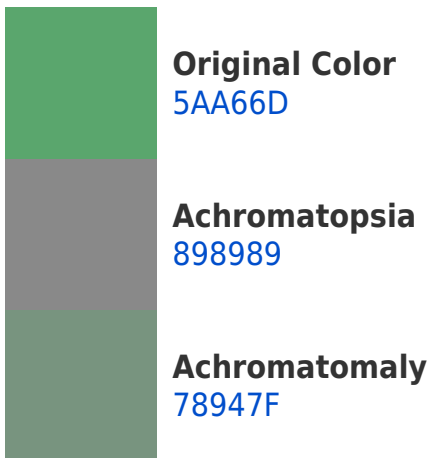
Protanopia
A29566

Deuteranopia
AF8F72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA66D 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 #5AA66D looks like.

```
.text, #text, p{  
    color:#5AA66D  
}
```

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 #5AA66D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA66D
}
```

Border

The CSS property to change the border of an element to Hex 5AA66D 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
#5AA66D }
```

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

```
.border{ border-color:#5AA66D }
```

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

Here you see how a box with a 4 pixel #5AA66D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA66D; -webkit-box-shadow:4px 4px  
4px 4px #5AA66D; box-shadow:4px 4px 4px  
4px #5AA66D }
```

Background

The CSS property to change the background color of an element to Hex 5AA66D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA66D }
```

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

```
.background{ background-color:#5AA66D }
```

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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