

Converting Colors

Hex(5DAA50)

Have a look what the booklet for
Hex(5DAA50) contains.

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Color

Hex(5DAA50)

Conversions

Conversions Part 1

Format	Color
Hex	5DAA50
RGB	93, 170, 80
RGB Percent	36%, 67%, 31%
CMY	0.6353, 0.3333, 0.6863
CMYK	0.45, 0.00, 0.53, 0.33
HSL	111°, 36%, 49%
HSV	111°, 53%, 67%
XYZ	20.3369, 31.6558, 12.6277
YIQ	136.7170, -17.0020, -44.3140

Conversions

Conversions Part 2

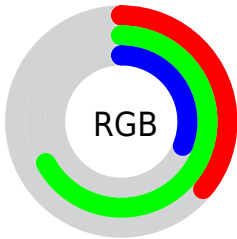
Format	Color
RYB	80, 170, 157
Decimal	6138448
CIELab	63.06, -41.71, 38.77
CIELCh	63, 56.947, 137.089
Yxy	31.6558, 0.3147, 0.4899
Android (android.graphics.Color)	4284328528 (0xFF5DAA50)
YUV	136.7170, -27.9615, -38.3398
Hunter-Lab	56.2635, -33.9408, 26.0774

Details

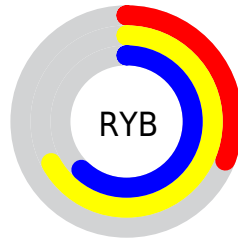
The Hex color **5DAA50** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9D50AA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **94E283**, and **24751E** is the 20% darker color. If you saturate the color by 10%, you get **4EAA3F**, and if you desaturate by 10%, it is **6CAA61**.

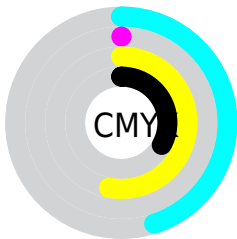
Distribution



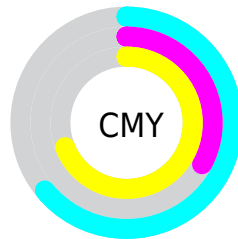
- Red (36%)
- Green (67%)
- Blue (31%)



- Red (31%)
- Yellow (67%)
- Blue (62%)



- Cyan (45%)
- Magenta (0%)
- Yellow (53%)
- Black (33%)



- Cyan (64%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DAA50 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 5DAA50 by changing the saturation by 10% instead.

 5DAA50

 5DAA50

FFFFFF

 428F37

 94E283

 24751E

 B0FF9E

 005C02

 CCFFB9

 004300

 EAFFD6

 002D00

 FFFFF2

 001300

 000000

 5DAA50

 5DAA50

 4EAA3F

 6CAA61

 40AA2E

 7AAA72

 31AA1D

 89AA83

 23AA0C

 97AA94

 19AA00

 A6AAA5

 B4AAB6

 C3AAC7

 D1AAD8

 E0AAE9

Harmonies

Analogous

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



989F2F



5DAA50



00B080

Triad

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



5DAA50



00A4FB



F66C7E

Complementary

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



5DAA50



9D50AA

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.



EA6DB1



5DAA50



7294FA

Square

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



5DAA50



00AEE2



C07FDE



E87A50

Rectangle

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



5DAA50



00B1A4



C07FDE



F56A8F

Sweetspot

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



5DAA50



BFDEBA



AA9C50



5E705B



F0F0F0



707070

Same Dimension

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



5DAA50



64DE50



50AA70



4D544C



159400



031400

Inverse Universe

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



9D50AA



C950DE



AA508A



534C54



7F0094



110014

Previews

White Background



This preview shows how the Hex color 5DAA50 looks on a white background.

Color Contrast Check

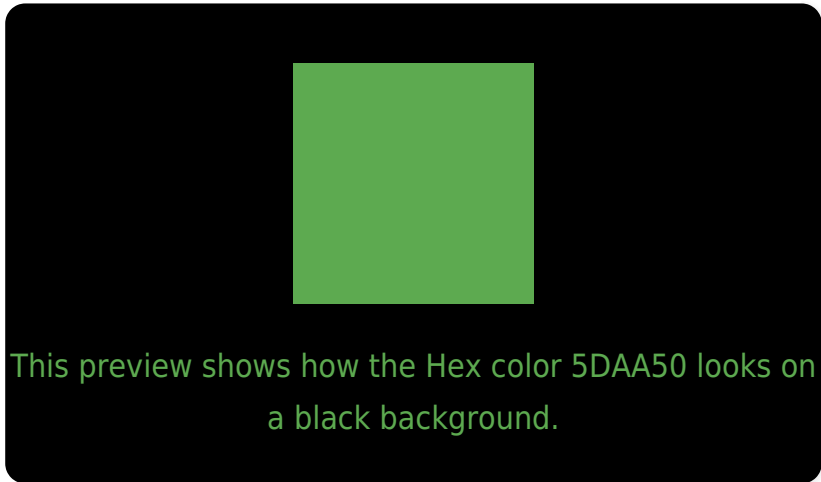
Large Text (above 18pt) WCAG AA × Fail

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

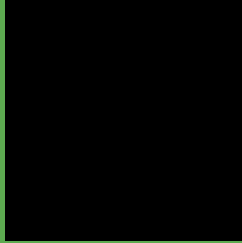
Any Text WCAG AA ✓ Pass

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 5DAA50 Background



This preview shows how black text looks on a background with the Hex color 5DAA50.



This preview shows how white text looks on a background with the Hex color 5DAA50.

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
5DAA50

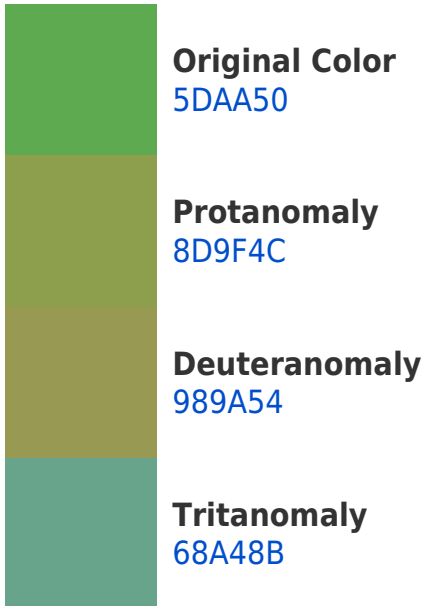
Protanopia
A8984A

Deuteranopia
B99157

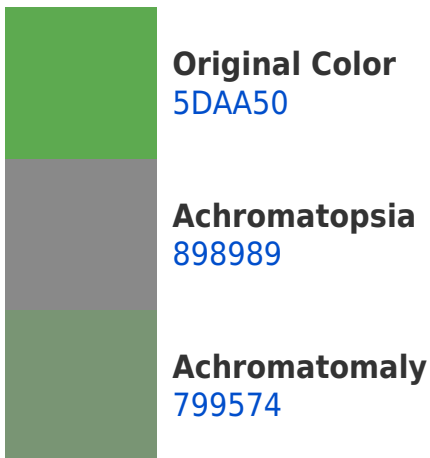


Tritanopia
6FA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DAA50 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 #5DAA50 looks like.

```
.text, #text, p{  
    color:#5DAA50  
}
```

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 #5DAA50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAA50
}
```

Border

The CSS property to change the border of an element to Hex 5DAA50 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
#5DAA50 }
```

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

```
.border{ border-color:#5DAA50 }
```

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

Here you see how a box with a 4 pixel #5DAA50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAA50; -webkit-box-shadow:4px 4px  
4px 4px #5DAA50; box-shadow:4px 4px 4px  
4px #5DAA50 }
```

Background

The CSS property to change the background color of an element to Hex 5DAA50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAA50 }
```

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

```
.background{ background-color:#5DAA50 }
```

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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