

Converting Colors

Hex(5DAF49)

Have a look what the booklet for
Hex(5DAF49) contains.

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Color

Hex(5DAF49)

Conversions

Conversions Part 1

Format	Color
Hex	5DAF49
RGB	93, 175, 73
RGB Percent	36%, 69%, 29%
CMY	0.6353, 0.3137, 0.7137
CMYK	0.47, 0.00, 0.58, 0.31
HSL	108°, 41%, 49%
HSV	108°, 58%, 69%
XYZ	21.0468, 33.4681, 11.6540
YIQ	138.8540, -16.1300, -49.1060

Conversions

Conversions Part 2

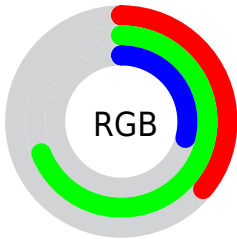
Format	Color
RYB	73, 175, 155
Decimal	6139721
CIELab	64.54, -44.65, 43.90
CIElCh	65, 62.618, 135.486
Yxy	33.4681, 0.3181, 0.5058
Android (android.graphics.Color)	4284329801 (0xFF5DAF49)
YUV	138.8540, -32.4660, -40.2140
Hunter-Lab	57.8517, -36.3010, 28.5524

Details

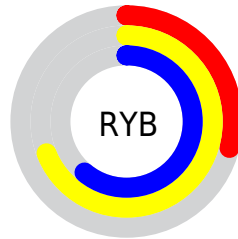
The Hex color **5DAF49** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9B49AF**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **95E77D**, and **227A14** is the 20% darker color. If you saturate the color by 10%, you get **4FAF38**, and if you desaturate by 10%, it is **6BAF5B**.

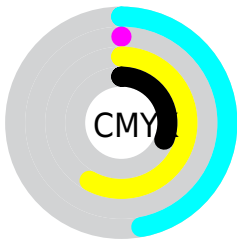
Distribution



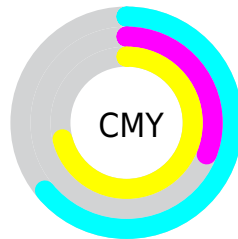
- Red (36%)
- Green (69%)
- Blue (29%)



- Red (29%)
- Yellow (69%)
- Blue (61%)



- Cyan (47%)
- Magenta (0%)
- Yellow (58%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DAF49 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 5DAF49 by changing the saturation by 10% instead.

 5DAF49

 5DAF49

FFFFFF

 419430

 95E77D

 227A14

 B1FF97

 006000

 CEFFB3

 004700

 EBFFCF

 003000

 FFFFEC

 001800

 000000

 5DAF49

 5DAF49

 4FAF38

 6BAF5B

 41AF26

 79AF6C

 33AF15

 87AF7E

 25AF03

 95AF8F

 22AF00

 A3AFA1

 B1AFB2

 BFAFC4

 CEAFD5

 DCAFE7

Harmonies

Analogous

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



9EA323



5DAF49



00B67F

Triad

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



5DAF49



00AFFF



FF6882

Complementary

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



5DAF49



9B49AF

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.



F46CBA



5DAF49



6799FF

Square

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



5DAF49



00B4EB



C481EC



F4794F

Rectangle

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



5DAF49



00B7A5



C481EC



FF6794

Sweetspot

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



5DAF49



C4E3BC



AF9B49



60735C



F2F2F2



737373

Same Dimension

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



5DAF49



63E344



49AF68



50574E



1E9600



051700

Inverse Universe

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



9B49AF



C444E3



AF4990



554E57



790096



120017

Previews

White Background



This preview shows how the Hex color 5DAF49 looks on a white background.

Color Contrast Check

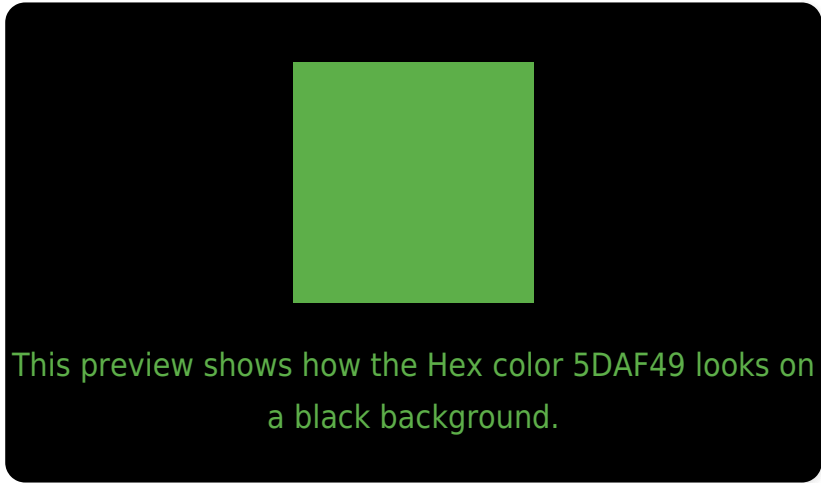
Large Text (above 18pt) WCAG AA × Fail

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 5DAF49 Background



This preview shows how black text looks on a background with the Hex color 5DAF49.

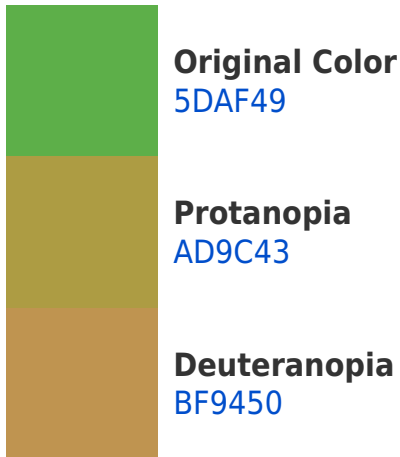


This preview shows how white text looks on a background with the Hex color 5DAF49.

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](#).

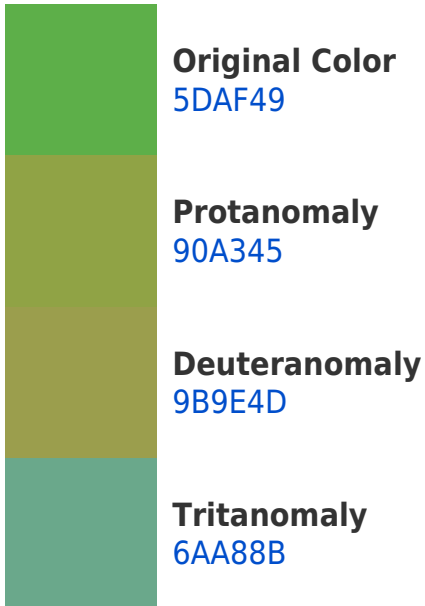
Dichromacy



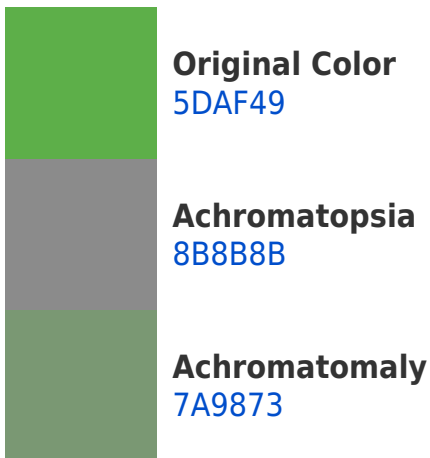


Tritanopia
71A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DAF49 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 #5DAF49 looks like.

```
.text, #text, p{  
    color:#5DAF49  
}
```

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 #5DAF49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAF49
}
```

Border

The CSS property to change the border of an element to Hex 5DAF49 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
#5DAF49 }
```

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

```
.border{ border-color:#5DAF49 }
```

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

Here you see how a box with a 4 pixel #5DAF49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAF49; -webkit-box-shadow:4px 4px  
4px 4px #5DAF49; box-shadow:4px 4px 4px  
4px #5DAF49 }
```

Background

The CSS property to change the background color of an element to Hex 5DAF49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAF49 }
```

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

```
.background{ background-color:#5DAF49 }
```

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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