

# Converting Colors

Hex(5DAB5B)

Have a look what the booklet for  
Hex(5DAB5B) contains.

<b>Hex(5DAB5B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(5DAB5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DAB5B
RGB	93, 171, 91
RGB Percent	36%, 67%, 36%
CMY	0.6353, 0.3294, 0.6431
CMYK	0.46, 0.00, 0.47, 0.33
HSL	118°, 32%, 51%
HSV	118°, 47%, 67%
XYZ	20.9654, 32.2083, 15.0094
YIQ	138.5580, -20.8080, -41.4160

# Conversions

## Conversions Part 2

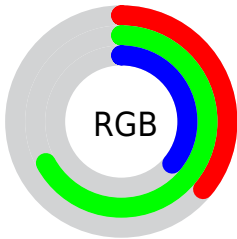
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 171, 169
Decimal	6138715
CIELab	63.51, -40.63, 33.78
CIELCh	64, 52.838, 140.261
Yxy	32.2083, 0.3075, 0.4724
Android (android.graphics.Color)	4284328795 (0xFF5DAB5B)
YUV	138.5580, -23.4461, -39.9544
Hunter-Lab	56.7524, -33.3752, 24.0462

# Details

The Hex color **5DAB5B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **A95BAB**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **94E38E**, and **25762A** is the 20% darker color. If you saturate the color by 10%, you get **4CAB4A**, and if you desaturate by 10%, it is **6EAB6C**.

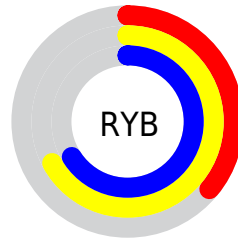
# Distribution



Red (36%)

Green (67%)

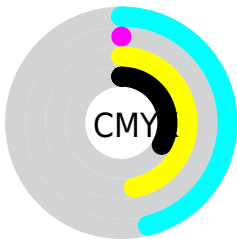
Blue (36%)



Red (36%)

Yellow (67%)

Blue (66%)

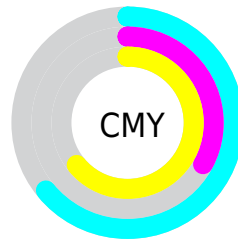


Cyan (46%)

Magenta (0%)

Yellow (47%)

Black (33%)



Cyan (64%)

Magenta (33%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DAB5B 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 5DAB5B by changing the saturation by 10% instead.



 5DAB5B

 5DAB5B

FFFFFF

 429042

 94E38E

 25762A

 B0FFA9

 005D12

 CCFFC5

 004400

 E9FFE1

 002D00

FFFFFFE

 001500

 000000

 5DAB5B

 5DAB5B

 4CAB4A

 6EAB6C

 3CAB39

 7EAB7D

 2BAB28

 8FAB8E

 1AAB17

 A0AB9F

 0AAB06

 B0ABB0

 04AB00

 C1ABC2

 D2ABD3

 E2ABE4

 F3ABF5

# Harmonies

## Analogous

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



95A13C



5DAB5B



00B088

# Triad

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



5DAB5B



00A3F6



F1727C

# Complementary

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



5DAB5B



A95BAB

# 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.



E872AB



5DAB5B



8294F2

# Square

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



5DAB5B



00ADE1



C480D6



E28053

# Rectangle

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



5DAB5B



00B1A9



C480D6



F1708B



# Sweetspot

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



5DAB5B



C0DEBF



ABA85B



5E705D



F0F0F0



707070



# Same Dimension

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



5DAB5B



65DE62



5BAB80



4E574E



049600



011700



# Inverse Universe

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



A95BAB



DB62DE



AB5B86



564E57



930096



160017



# Previews

## White Background



This preview shows how the Hex color 5DAB5B looks on a white background.

## Color Contrast Check

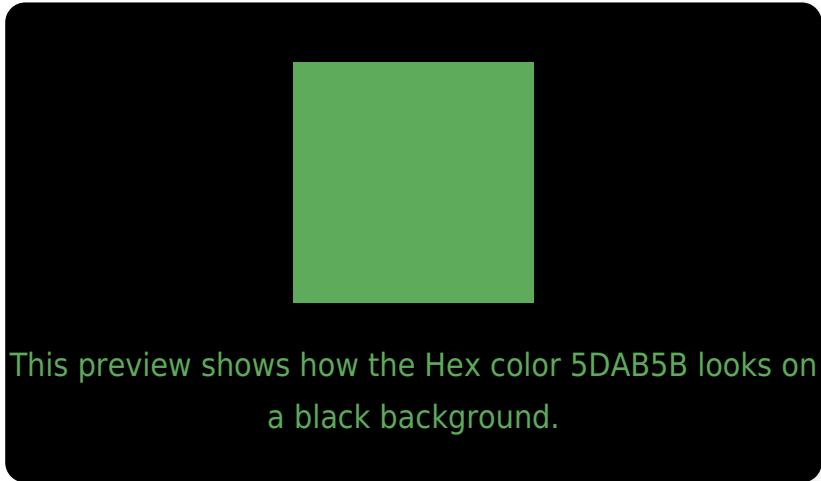
Large Text (above 18pt) WCAG AA × Fail

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 5DAB5B Background



This preview shows how black text looks on a background with the Hex color 5DAB5B.



This preview shows how white text looks on a background with the Hex color 5DAB5B.

# 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**  
6EA2AF

# Trichromacy



**Original Color**  
5DAB5B



**Protanomaly**  
8DA057



**Deuteranomaly**  
979B5F



**Tritanomaly**  
68A590

# Monochromacy



**Original Color**  
5DAB5B



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
7A977A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DAB5B 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 #5DAB5B looks like.

```
.text, #text, p{  
    color:#5DAB5B  
}
```

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 #5DAB5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAB5B
}
```

## Border

The CSS property to change the border of an element to Hex 5DAB5B 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
#5DAB5B }
```

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

```
.border{ border-color:#5DAB5B }
```

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

Here you see how a box with a 4 pixel #5DAB5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAB5B; -webkit-box-shadow:4px 4px  
4px 4px #5DAB5B; box-shadow:4px 4px 4px  
4px #5DAB5B }
```

# Background

The CSS property to change the background color of an element to Hex 5DAB5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAB5B }
```

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

```
.background{ background-color:#5DAB5B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor