

Converting Colors

Hex(55DB4A)

Have a look what the booklet for
Hex(55DB4A) contains.

Hex(55DB4A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(55DB4A)

Conversions

Conversions Part 1

Format	Color
Hex	55DB4A
RGB	85, 219, 74
RGB Percent	33%, 86%, 29%
CMY	0.6667, 0.1412, 0.7098
CMYK	0.61, 0.00, 0.66, 0.14
HSL	115°, 67%, 57%
HSV	115°, 66%, 86%
XYZ	30.3139, 53.0887, 15.1280
YIQ	162.4040, -33.3190, -73.5030

Conversions

Conversions Part 2

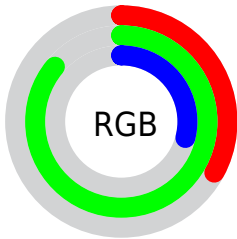
Format	Color
RYB	74, 219, 208
Decimal	5626698
CIELab	77.93, -63.24, 58.36
CIELCh	78, 86.054, 137.301
Yxy	53.0887, 0.3077, 0.5388
Android (android.graphics.Color)	4283816778 (0xFF55DB4A)
YUV	162.4040, -43.5832, -67.8833
Hunter-Lab	72.8620, -53.2446, 38.6933

Details

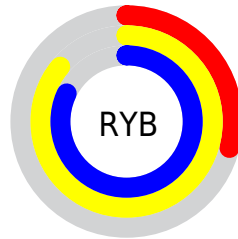
The Hex color **55DB4A** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D04ADB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **94FF81**, and **00A306** is the 20% darker color. If you saturate the color by 10%, you get **41DB34**, and if you desaturate by 10%, it is **69DB60**.

Distribution



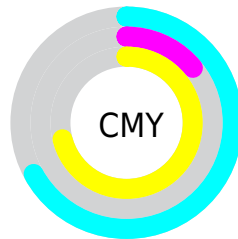
- Red (33%)
- Green (86%)
- Blue (29%)



- Red (29%)
- Yellow (86%)
- Blue (82%)



- Cyan (61%)
- Magenta (0%)
- Yellow (66%)
- Black (14%)



- Cyan (67%)
- Magenta (14%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55DB4A 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 55DB4A by changing the saturation by 10% instead.

 55DB4A

 55DB4A

FFFFFF

 30BF2D

 94FF81

 00A306

 B2FF9C

 008800

 D0FFB9

 006D00

 EFFF D5

 005300

 FFFFF2

 003B00

 002300

 000000

 55DB4A

 55DB4A

 41DB34

 69DB60

 2DDB1E

 7DDB76

 18DB08

 92DB8C

 11DB00

 A6DBA2

 BADBB7

 CEDBCD

 E3DBE3

 F7DBF9

 FFDBFF

Harmonies

Analogous

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



BACB00



55DB4A



00E39B

Triad

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



55DB4A



00D4FF



FF6F96

Complementary

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



55DB4A



D04ADB

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.



FF72E6



55DB4A



70BAFF

Square

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



55DB4A



00E1FF



FD95FF



FF8E4C

Rectangle

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



55DB4A



00E5D3



FD95FF



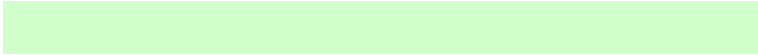
FF6BB1

Sweetspot

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



55DB4A



D0FFCC



DBC4A



638061



000000



808080

Same Dimension

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



55DB4A



45FF36



4ADB86



646E63



0DAD00



032E00

Inverse Universe

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



D04ADB



F036FF



DB4A9F



6D636E



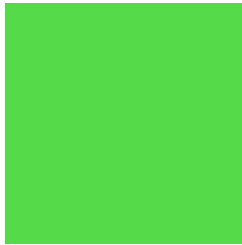
A000AD



2A002E

Previews

White Background



This preview shows how the Hex color 55DB4A looks on a white background.

Color Contrast Check

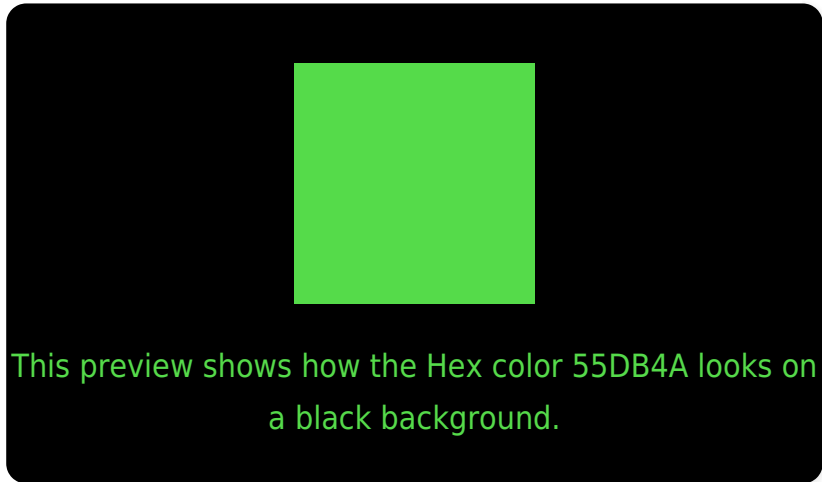
Large Text (above 18pt) WCAG AA × Fail

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 55DB4A Background



This preview shows how black text looks on a background with the Hex color 55DB4A.

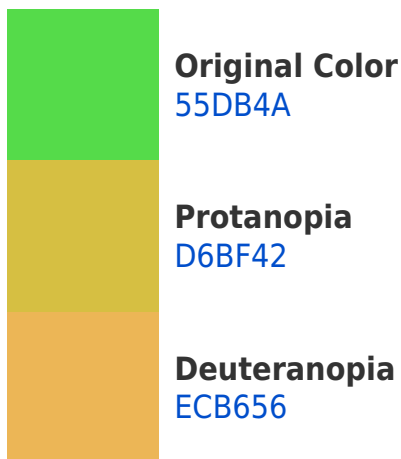


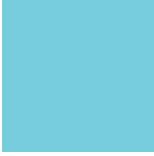
This preview shows how white text looks on a background with the Hex color 55DB4A.

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
77CDDD

Trichromacy



Original Color
55DB4A



Protanomaly
A7C945



Deuteranomaly
B5C352



Tritanomaly
6BD2A8

Monochromacy



Original Color
55DB4A



Achromatopsia
A2A2A2



Achromatomaly
86B782

CSS Examples

Text

The CSS property to change the color of the text to Hex 55DB4A 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 #55DB4A looks like.

```
.text, #text, p{  
    color:#55DB4A  
}
```

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 #55DB4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55DB4A
}
```

Border

The CSS property to change the border of an element to Hex 55DB4A 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
#55DB4A }
```

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

```
.border{ border-color:#55DB4A }
```

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

Here you see how a box with a 4 pixel #55DB4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55DB4A; -webkit-box-shadow:4px 4px  
4px 4px #55DB4A; box-shadow:4px 4px 4px  
4px #55DB4A }
```

Background

The CSS property to change the background color of an element to Hex 55DB4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55DB4A }
```

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

```
.background{ background-color:#55DB4A }
```

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