

Converting Colors

Hex(5DA52E)

Have a look what the booklet for
Hex(5DA52E) contains.

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Color

Hex(5DA52E)

Conversions

Conversions Part 1

Format	Color
Hex	5DA52E
RGB	93, 165, 46
RGB Percent	36%, 65%, 18%
CMY	0.6353, 0.3529, 0.8196
CMYK	0.44, 0.00, 0.72, 0.35
HSL	96°, 56%, 41%
HSV	96°, 72%, 65%
XYZ	18.4625, 29.4347, 7.2932
YIQ	129.9060, -4.7130, -52.2730

Conversions

Conversions Part 2

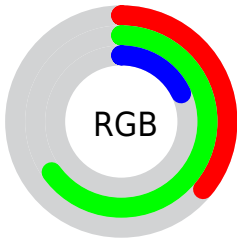
Format	Color
R_{YB}	46, 165, 118
Decimal	6137134
CIE _{Lab}	61.16, -43.03, 51.82
CIE _{LCh}	61, 67.354, 129.707
Yxy	29.4347, 0.3345, 0.5333
Android (android.graphics.Color)	4284327214 (0xFF5DA52E)
YUV	129.9060, -41.3657, -32.3666
Hunter-Lab	54.2537, -34.2007, 30.0075

Details

The Hex color **5DA52E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **762EA5**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **95DD63**, and **227000** is the 20% darker color. If you saturate the color by 10%, you get **53A51D**, and if you desaturate by 10%, it is **67A53E**.

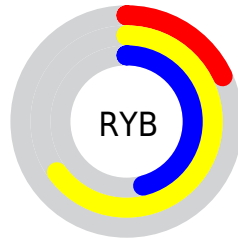
Distribution



Red (36%)

Green (65%)

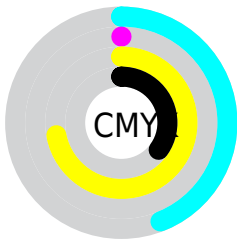
Blue (18%)



Red (18%)

Yellow (65%)

Blue (46%)

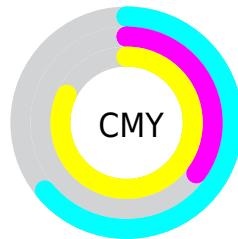


Cyan (44%)

Magenta (0%)

Yellow (72%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA52E 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 5DA52E by changing the saturation by 10% instead.

 5DA52E

 5DA52E

FFFFFF

 418A0E

 95DD63

 227000

 B1F97E

 005700

 CEFF99

 003F00

 EBFFB5

 002A00

 FFFFD1

 000800

 FFFFEE

 000000

 5DA52E

 5DA52E

 53A51D

 67A53E

 49A50D

 71A54F

 41A500

 7BA55F

 85A570

 8FA581

 99A591

 A3A5A1

 ADA5B2

 B7A5C2

Harmonies

Analogous

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



9F9700



5DA52E



00AD68

Triad

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



5DA52E



00A5FF



FE5783

Complementary

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



5DA52E



762EA5

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.



E960BE



5DA52E



1D94FF

Square

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



5DA52E



00ADDF



AE7BF0



F3684A

Rectangle

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



5DA52E



00AF91



AE7BF0



FB5797

Sweetspot

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



5DA52E



BAD6A7



A5752E



5A6B4F



EBEBEB



6B6B6B

Same Dimension

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



5DA52E



65D61C



2EA53A



4D5249



399100



071200

Inverse Universe

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



762EA5



8D1CD6



A52E99



4E4952



580091



0B0012

Previews

White Background



This preview shows how the Hex color 5DA52E looks on a white background.

Color Contrast Check

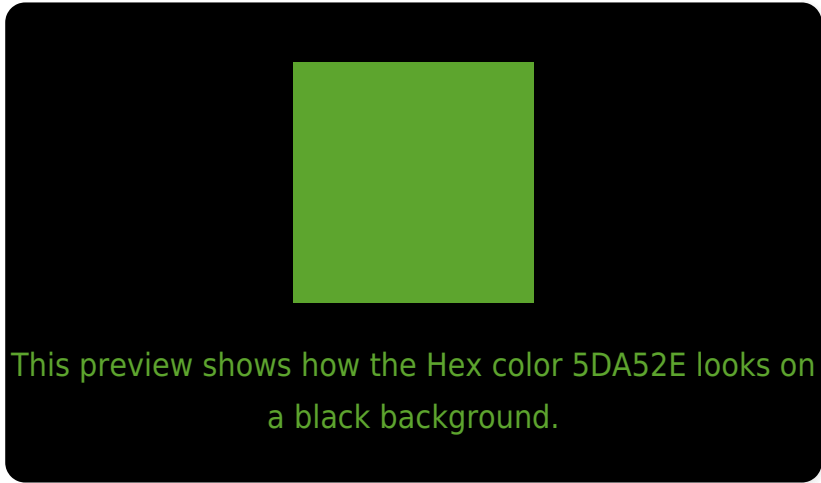
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5DA52E Background



This preview shows how black text looks on a background with the Hex color 5DA52E.



This preview shows how white text looks on a background with the Hex color 5DA52E.

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
5DA52E

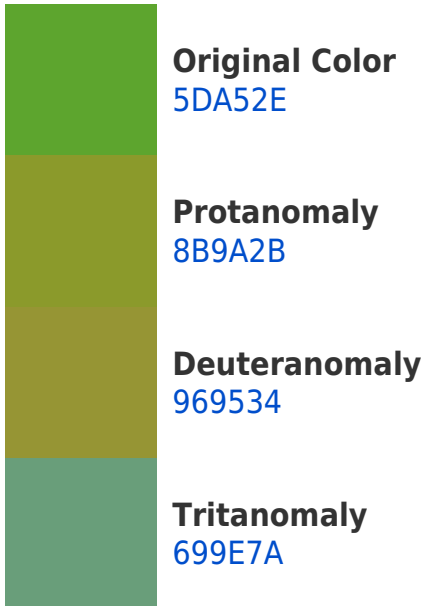
Protanopia
A59329

Deuteranopia
B78C38



Tritanopia
709AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA52E 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 #5DA52E looks like.

```
.text, #text, p{  
    color:#5DA52E  
}
```

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 #5DA52E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA52E
}
```

Border

The CSS property to change the border of an element to Hex 5DA52E 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
#5DA52E }
```

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

```
.border{ border-color:#5DA52E }
```

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

Here you see how a box with a 4 pixel #5DA52E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA52E; -webkit-box-shadow:4px 4px  
4px 4px #5DA52E; box-shadow:4px 4px 4px  
4px #5DA52E }
```

Background

The CSS property to change the background color of an element to Hex 5DA52E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA52E }
```

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

```
.background{ background-color:#5DA52E }
```

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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