

Converting Colors

Hex(5DA42B)

Have a look what the booklet for
Hex(5DA42B) contains.

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Color

Hex(5DA42B)

Conversions

Conversions Part 1

Format	Color
Hex	5DA42B
RGB	93, 164, 43
RGB Percent	36%, 64%, 17%
CMY	0.6353, 0.3569, 0.8314
CMYK	0.43, 0.00, 0.74, 0.36
HSL	95°, 58%, 41%
HSV	95°, 74%, 64%
XYZ	18.2257, 29.0525, 6.9326
YIQ	128.9770, -3.4750, -52.6830

Conversions

Conversions Part 2

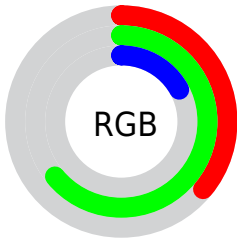
Format	Color
RYB	43, 164, 114
Decimal	6136875
CIELab	60.83, -42.83, 52.60
CIELCh	61, 67.830, 129.153
Yxy	29.0525, 0.3362, 0.5359
Android (android.graphics.Color)	4284326955 (0xFF5DA42B)
YUV	128.9770, -42.3867, -31.5518
Hunter-Lab	53.9004, -33.9682, 30.1044

Details

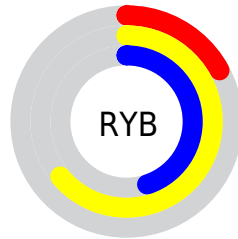
The Hex color **5DA42B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **722BA4**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **95DC61**, and **226F00** is the 20% darker color. If you saturate the color by 10%, you get **53A41B**, and if you desaturate by 10%, it is **67A43B**.

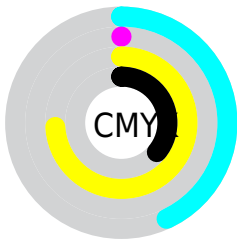
Distribution



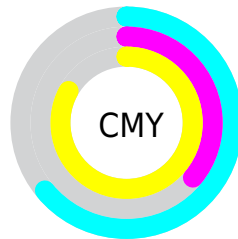
- Red (36%)
- Green (64%)
- Blue (17%)



- Red (17%)
- Yellow (64%)
- Blue (45%)



- Cyan (43%)
- Magenta (0%)
- Yellow (74%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA42B 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 5DA42B by changing the saturation by 10% instead.

 5DA42B

 5DA42B

FFFFFF

 418908

 95DC61

 226F00

 B1F87B

 005600

 CEFF97

 003E00

 EBFFB2

 002900

 FFFFCF

 000600

 FFFFEB

 000000

 5DA42B

 5DA42B

 53A41B

 67A43B

 4AA40A

 70A44C

 44A400

 7AA45C

 83A46D

 8DA47D

 97A48D

 A0A49E

 AAA4AE

 B4A4BF

Harmonies

Analogous

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



9F9600



5DA42B



00AC66

Triad

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



5DA42B



00A5FF



FD5583

Complementary

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



5DA42B



722BA4

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.



E85FBF



5DA42B



0194FF

Square

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



5DA42B



00AADD



AC7AF0



F3664A

Rectangle

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



5DA42B



00AE8F



AC7AF0



FA5597

Sweetspot

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



5DA42B



BBD6A7



A4722B



5B6B4F



EBEBEB



6B6B6B

Same Dimension

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



5DA42B



66D618



2BA435



4D5249



3C9100



071200

Inverse Universe

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



722BA4



8718D6



A42B9A



4E4952



550091



0A0012

Previews

White Background



This preview shows how the Hex color 5DA42B looks on a white background.

Color Contrast Check

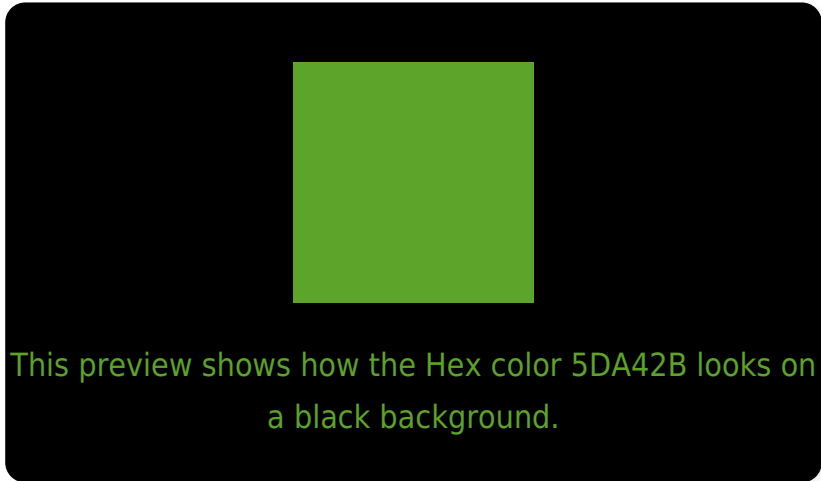
Large Text (above 18pt) WCAG AA ✓ Pass

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 5DA42B Background



This preview shows how black text looks on a background with the Hex color 5DA42B.



This preview shows how white text looks on a background with the Hex color 5DA42B.

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
5DA42B

Protanopia
A49226

Deuteranopia
B68B35



Tritanopia
7099A5

Trichromacy



Original Color
5DA42B



Protanomaly
8A9928



Deuteranomaly
969431



Tritanomaly
699D79

Monochromacy



Original Color
5DA42B



Achromatopsia
818181



Achromatomaly
748E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA42B 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 #5DA42B looks like.

```
.text, #text, p{  
    color:#5DA42B  
}
```

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 #5DA42B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA42B
}
```

Border

The CSS property to change the border of an element to Hex 5DA42B 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
#5DA42B }
```

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

```
.border{ border-color:#5DA42B }
```

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

Here you see how a box with a 4 pixel #5DA42B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA42B; -webkit-box-shadow:4px 4px  
4px 4px #5DA42B; box-shadow:4px 4px 4px  
4px #5DA42B }
```

Background

The CSS property to change the background color of an element to Hex 5DA42B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA42B }
```

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

```
.background{ background-color:#5DA42B }
```

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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