

Converting Colors

Hex(5DA92A)

Have a look what the booklet for
Hex(5DA92A) contains.

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Color

Hex(5DA92A)

Conversions

Conversions Part 1

Format	Color
Hex	5DA92A
RGB	93, 169, 42
RGB Percent	36%, 66%, 16%
CMY	0.6353, 0.3373, 0.8353
CMYK	0.45, 0.00, 0.75, 0.34
HSL	96°, 60%, 41%
HSV	96°, 75%, 66%
XYZ	19.1201, 30.8703, 7.1413
YIQ	131.7980, -4.5290, -55.6090

Conversions

Conversions Part 2

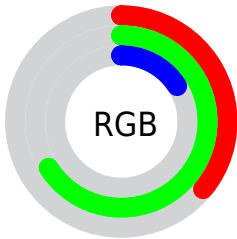
Format	Color
RYB	42, 169, 118
Decimal	6138154
CIELab	62.40, -44.95, 54.51
CIELCh	62, 70.658, 129.511
Yxy	30.8703, 0.3347, 0.5403
Android (android.graphics.Color)	4284328234 (0xFF5DA92A)
YUV	131.7980, -44.2704, -34.0258
Hunter-Lab	55.5610, -35.8050, 31.2721

Details

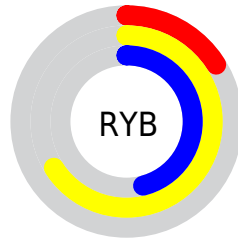
The Hex color **5DA92A** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **762AA9**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **95E160**, and **217400** is the 20% darker color. If you saturate the color by 10%, you get **53A919**, and if you desaturate by 10%, it is **67A93B**.

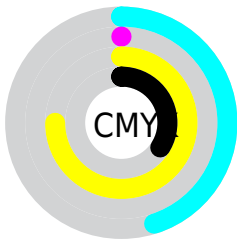
Distribution



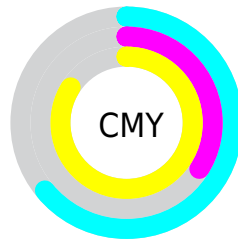
- Red (36%)
- Green (66%)
- Blue (16%)



- Red (16%)
- Yellow (66%)
- Blue (46%)



- Cyan (45%)
- Magenta (0%)
- Yellow (75%)
- Black (34%)



- Cyan (64%)
- Magenta (34%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA92A 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 5DA92A by changing the saturation by 10% instead.

 5DA92A

 5DA92A

FFFFFF

 408E05

 95E160

 217400

 B2FE7B

 005B00

 CFFF97

 004200

 ECFFB2

 002C00

 FFFFCF

 001000

 FFFFEC

 000000

 5DA92A

 5DA92A

 53A919

 67A93B

■ 49A908

■ 71A94C

■ 44A900

■ 7BA95D

■ 85A96E

■ 90A97E

■ 9AA98F

■ A4A9A0

■ AEA9B1

■ B8A9C2

Harmonies

Analogous

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



A29A00



5DA92A



00B168

Triad

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



5DA92A



00A9FF



FF5586

Complementary

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



5DA92A



762AA9

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.



F060C4



5DA92A



0098FF

Square

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



5DA92A



00B2E5



B27DF8



FB684A

Rectangle

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



5DA92A



00B394



B27DF8



FF559B

Sweetspot

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



5DA92A



BDDBA9



A9742A



5B6E4F



EDEDED



6E6E6E

Same Dimension

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



5DA92A



65DB16



2AA935



4F544C



3B9400



081400

Inverse Universe

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



762AA9



8C16DB



A92A9E



514C54



590094



0C0014

Previews

White Background



This preview shows how the Hex color 5DA92A looks on a white background.

Color Contrast Check

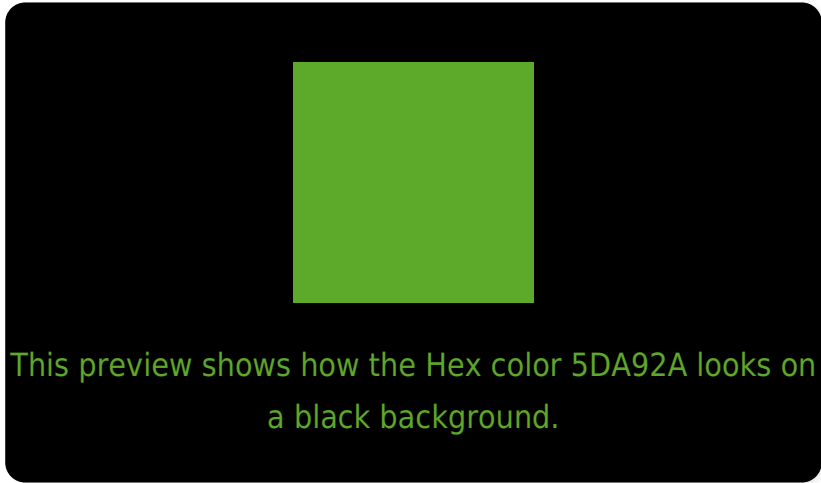
Large Text (above 18pt) WCAG AA × Fail

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 5DA92A Background



This preview shows how black text looks on a background with the Hex color 5DA92A.

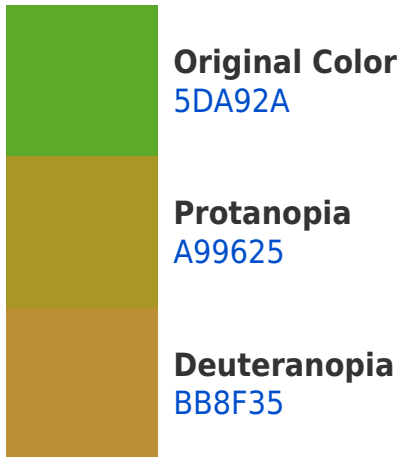


This preview shows how white text looks on a background with the Hex color 5DA92A.

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
719EAA

Trichromacy



Original Color
5DA92A

Protanomaly
8D9D27

Deuteranomaly
999831

Tritanomaly
6AA27B

Monochromacy



Original Color
5DA92A

Achromatopsia
848484

Achromatomaly
769163

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA92A 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 #5DA92A looks like.

```
.text, #text, p{  
    color:#5DA92A  
}
```

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 #5DA92A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA92A
}
```

Border

The CSS property to change the border of an element to Hex 5DA92A 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
#5DA92A }
```

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

```
.border{ border-color:#5DA92A }
```

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

Here you see how a box with a 4 pixel #5DA92A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA92A; -webkit-box-shadow:4px 4px  
4px 4px #5DA92A; box-shadow:4px 4px 4px  
4px #5DA92A }
```

Background

The CSS property to change the background color of an element to Hex 5DA92A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA92A }
```

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

```
.background{ background-color:#5DA92A }
```

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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