

# Converting Colors

Hex(5DAF23)

Have a look what the booklet for  
Hex(5DAF23) contains.

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# Color

Hex(5DAF23)

# Conversions

## Conversions Part 1

Format	Color
Hex	5DAF23
RGB	93, 175, 35
RGB Percent	36%, 69%, 14%
CMY	0.6353, 0.3137, 0.8627
CMYK	0.47, 0.00, 0.80, 0.31
HSL	95°, 67%, 41%
HSV	95°, 80%, 69%
XYZ	20.1475, 33.1084, 6.9188
YIQ	134.5220, -3.9320, -60.9240

# Conversions

## Conversions Part 2

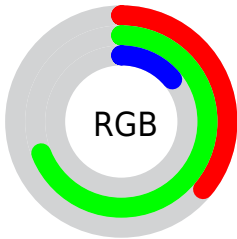
Format	Color
<b>RYB</b>	35, 175, 117
Decimal	6139683
CIELab	64.25, -47.77, 58.55
CIELCh	64, 75.568, 129.213
Yxy	33.1084, 0.3348, 0.5502
Android (android.graphics.Color)	4284329763 (0xFF5DAF23)
YUV	134.5220, -49.0643, -36.4148
Hunter-Lab	57.5399, -38.1933, 33.1487

# Details

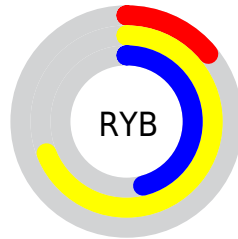
The Hex color **5DAF23** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7523AF**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **96E75C**, and **1E7A00** is the 20% darker color. If you saturate the color by 10%, you get **53AF11**, and if you desaturate by 10%, it is **67AF35**.

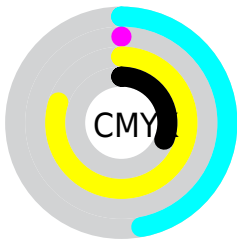
# Distribution



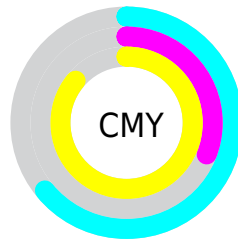
- Red (36%)
- Green (69%)
- Blue (14%)



- Red (14%)
- Yellow (69%)
- Blue (46%)



- Cyan (47%)
- Magenta (0%)
- Yellow (80%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DAF23 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 5DAF23 by changing the saturation by 10% instead.



 5DAF23

 5DAF23

FFFFFF

 409400

 96E75C

 1E7A00

 B3FF77

 006000

 D0FF93

 004700

 EEFFAF

 003000

 FFFFCB

 001700

 FFFFEB

 000000

 5DAF23

 5DAF23

 53AF11

 67AF35

 48AF00

 72AF46

 7CAF58

 86AF69

 90AF7A

 9BAF8C

 A5AF9E

 AF AF AF

 B9AFC1

# Harmonies

## Analogous

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



A89F00



5DAF23



00B769

# Triad

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



5DAF23



00B0FF



FF528A

# Complementary

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



5DAF23



7523AF

# 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.



FB5FCD



5DAF23



009DFF

# Square

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



5DAF23



00B9F0



B780FF



FF6849

# Rectangle

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



5DAF23



00BA98



B780FF



FF52A0



# Sweetspot

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



5DAF23



C3E3AC



AF7523



5F7351



F2F2F2



737373



# Same Dimension

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



5DAF23



63E309



23AF2F



52574E



3E9600



0A1700



# Inverse Universe

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



7523AF



8909E3



AF23A3



534E57



580096



0D0017



# Previews

## White Background



This preview shows how the Hex color 5DAF23 looks on a white background.

## Color Contrast Check

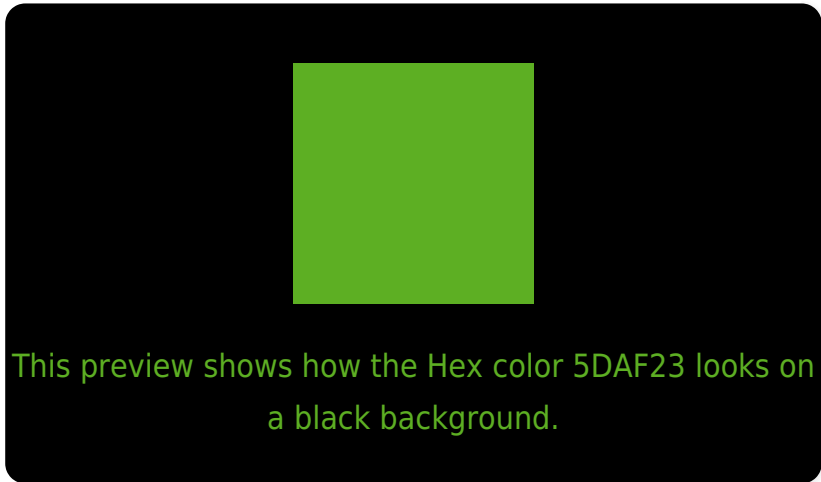
Large Text (above 18pt) WCAG AA × Fail

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 5DAF23 Background



This preview shows how black text looks on a background with the Hex color 5DAF23.

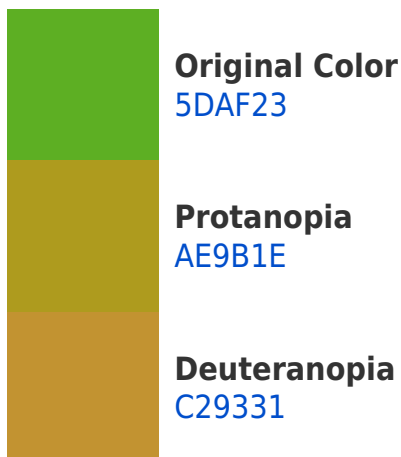


This preview shows how white text looks on a background with the Hex color 5DAF23.

# 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**  
73A3B0

# Trichromacy



**Original Color**  
5DAF23



**Protanomaly**  
91A220



**Deuteranomaly**  
9D9D2C



**Tritanomaly**  
6BA77D

# Monochromacy



**Original Color**  
5DAF23



**Achromatopsia**  
878787



**Achromatomaly**  
789663

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DAF23 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 #5DAF23 looks like.

```
.text, #text, p{  
    color:#5DAF23  
}
```

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 #5DAF23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAF23
}
```

## Border

The CSS property to change the border of an element to Hex 5DAF23 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
#5DAF23 }
```

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

```
.border{ border-color:#5DAF23 }
```

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

Here you see how a box with a 4 pixel #5DAF23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAF23; -webkit-box-shadow:4px 4px  
4px 4px #5DAF23; box-shadow:4px 4px 4px  
4px #5DAF23 }
```

# Background

The CSS property to change the background color of an element to Hex 5DAF23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAF23 }
```

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

```
.background{ background-color:#5DAF23 }
```

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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