

Converting Colors

Hex(5DAD12)

Have a look what the booklet for
Hex(5DAD12) contains.

Hex(5DAD12)	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(5DAD12)

Conversions

Conversions Part 1

Format	Color
Hex	5DAD12
RGB	93, 173, 18
RGB Percent	36%, 68%, 7%
CMY	0.6353, 0.3216, 0.9294
CMYK	0.46, 0.00, 0.90, 0.32
HSL	91°, 81%, 37%
HSV	91°, 90%, 68%
XYZ	19.5670, 32.2580, 5.7674
YIQ	131.4100, 2.0750, -65.1650

Conversions

Conversions Part 2

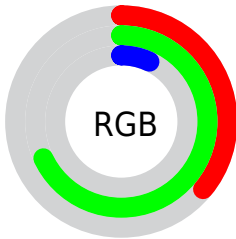
Format	Color
RYB	18, 173, 98
Decimal	6139154
CIELab	63.56, -47.68, 62.05
CIELCh	64, 78.256, 127.537
Yxy	32.2580, 0.3397, 0.5601
Android (android.graphics.Color)	4284329234 (0xFF5DAD12)
YUV	131.4100, -55.9111, -33.6856
Hunter-Lab	56.7961, -37.8977, 33.7366

Details

The Hex color **5DAD12** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6212AD**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **96E552**, and **1D7800** is the 20% darker color. If you saturate the color by 10%, you get **54AD01**, and if you desaturate by 10%, it is **66AD23**.

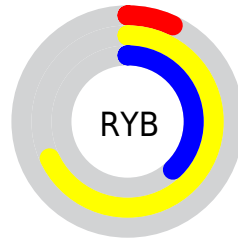
Distribution



Red (36%)

Green (68%)

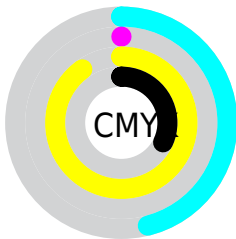
Blue (7%)



Red (7%)

Yellow (68%)

Blue (38%)

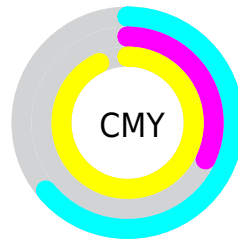


Cyan (46%)

Magenta (0%)

Yellow (90%)

Black (32%)



Cyan (64%)

Magenta (32%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DAD12 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 5DAD12 by changing the saturation by 10% instead.

 5DAD12

 5DAD12

FFFFFF

 3F9200

 96E552

 1D7800

 B3FF6D

 005E00

 D0FF89

 004600

 EEFFA5

 002F00

 FFFFC1

 001500

 FFFFDE

 000000

 FFFFFC

 5DAD12

 5DAD12

■ 54AD01

■ 66AD23

■ 54AD00

■ 6FAD35

■ 78AD46

■ 81AD57

■ 8AAD69

■ 93AD7A

■ 9CAD8B

■ A4AD9C

■ ADADAE

Harmonies

Analogous

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



A99D00



5DAD12



00B661

Triad

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



5DAD12



00AFFF



FF4A8B

Complementary

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



5DAD12



6212AD

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.



FA5BD1



5DAD12



009DFF

Square

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



5DAD12



00B8EE



B07FFF



FF6148

Rectangle

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



5DAD12



00B892



B07FFF



FF4BA3

Sweetspot

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



5DAD12



C1E0A4



AD6012



5E704C



F0F0F0



707070

Same Dimension

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



5DAD12



6DE000



12AD12



52574E



499600



0B1700

Inverse Universe

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



6212AD



7400E0



AD12AD



534E57



4E0096



0C0017

Previews

White Background



This preview shows how the Hex color 5DAD12 looks on a white background.

Color Contrast Check

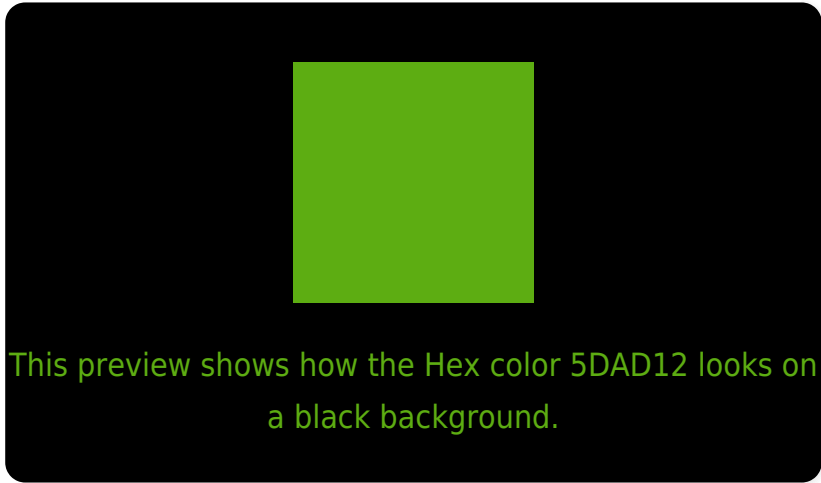
Large Text (above 18pt) WCAG AA × Fail

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 5DAD12 Background



This preview shows how black text looks on a background with the Hex color 5DAD12.

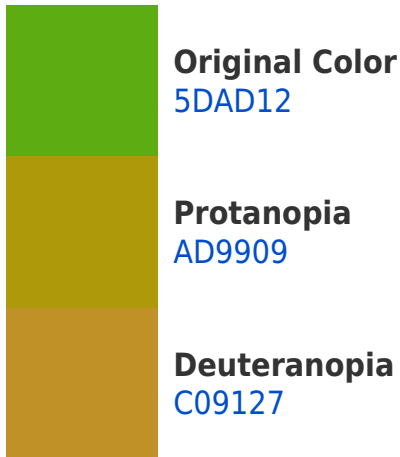


This preview shows how white text looks on a background with the Hex color 5DAD12.

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
72A1AE

Trichromacy



Original Color
5DAD12

Protanomaly
90A00C

Deuteranomaly
9C9B1F

Tritanomaly
6AA575

Monochromacy



Original Color
5DAD12

Achromatopsia
838383

Achromatomaly
75925A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DAD12 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 #5DAD12 looks like.

```
.text, #text, p{  
    color:#5DAD12  
}
```

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 #5DAD12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAD12
}
```

Border

The CSS property to change the border of an element to Hex 5DAD12 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
#5DAD12 }
```

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

```
.border{ border-color:#5DAD12 }
```

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

Here you see how a box with a 4 pixel #5DAD12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAD12; -webkit-box-shadow:4px 4px  
4px 4px #5DAD12; box-shadow:4px 4px 4px  
4px #5DAD12 }
```

Background

The CSS property to change the background color of an element to Hex 5DAD12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAD12 }
```

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

```
.background{ background-color:#5DAD12 }
```

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