

# Converting Colors

Hex(3ADB24)

Have a look what the booklet for  
Hex(3ADB24) contains.

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**Color**

**Hex(3ADB24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3ADB24
RGB	58, 219, 36
RGB Percent	23%, 86%, 14%
CMY	0.7725, 0.1412, 0.8588
CMYK	0.74, 0.00, 0.84, 0.14
HSL	113°, 72%, 50%
HSV	113°, 84%, 86%
XYZ	27.3949, 51.6900, 10.2024
YIQ	149.9990, -37.2130, -91.0450

# Conversions

## Conversions Part 2

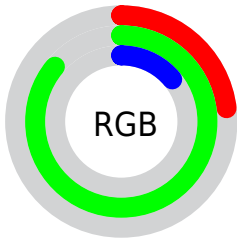
Format	Color
<b>RYB</b>	36, 219, 197
Decimal	3857188
CIELab	77.10, -70.99, 69.67
CIELCh	77, 99.468, 135.540
Yxy	51.6900, 0.3068, 0.5789
Android (android.graphics.Color)	4282047268 (0xFF3ADB24)
YUV	149.9990, -56.2015, -80.6831
Hunter-Lab	71.8957, -57.8025, 41.9135

# Details

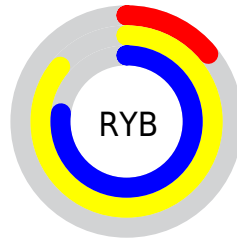
The Hex color **3ADB24** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **C524DB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **82FF63**, and **00A200** is the 20% darker color. If you saturate the color by 10%, you get **27DB0E**, and if you desaturate by 10%, it is **4DDB3A**.

# Distribution



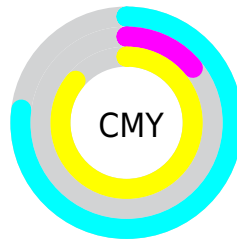
- Red (23%)
- Green (86%)
- Blue (14%)



- Red (14%)
- Yellow (86%)
- Blue (77%)



- Cyan (74%)
- Magenta (0%)
- Yellow (84%)
- Black (14%)



- Cyan (77%)
- Magenta (14%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3ADB24 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 3ADB24 by changing the saturation by 10% instead.





3ADB24



3ADB24

FFFFFF



00BE00



82FF63



00A200



A1FF80



008700



C1FF9C



006C00



E0FFB9



005200



FFFFD6



003A00



FFFFF4



002000



000000



3ADB24



3ADB24

■ 27DB0E

■ 4DDB3A

■ 1ADB00

■ 61DB50

■ 74DB66

■ 87DB7C

■ 9ADB92

■ AEDBA7

■ C1DBBD

■ D4DBD3

■ E7DBE9

# Harmonies

## Analogous

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



B9C900



3ADB24



00E48D

# Triad

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



3ADB24



00D6FF



FF4F93

# Complementary

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



3ADB24



C524DB

# 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.



FF58EF



3ADB24



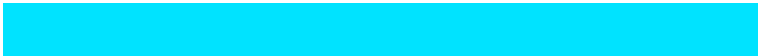
00B9FF

# Square

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



3ADB24



00E3FF



FC8CFF



FF7D3A

# Rectangle

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



3ADB24



00E6CE



FC8CFF



FF49B1

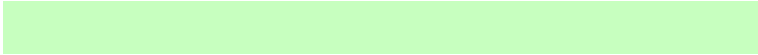


# Sweetspot

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



3ADB24



C7FFBF



DBC324



5E8059



000000



808080



# Same Dimension

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



3ADB24



1FFF00



24DB67



646E63



15AD00



062E00



# Inverse Universe

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



C524DB



E000FF



DB2498



6C636E



9900AD

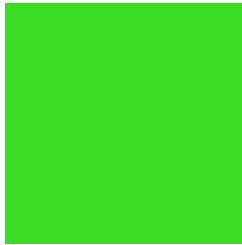


28002E



# Previews

## White Background



This preview shows how the Hex color 3ADB24 looks on a white background.

## Color Contrast Check

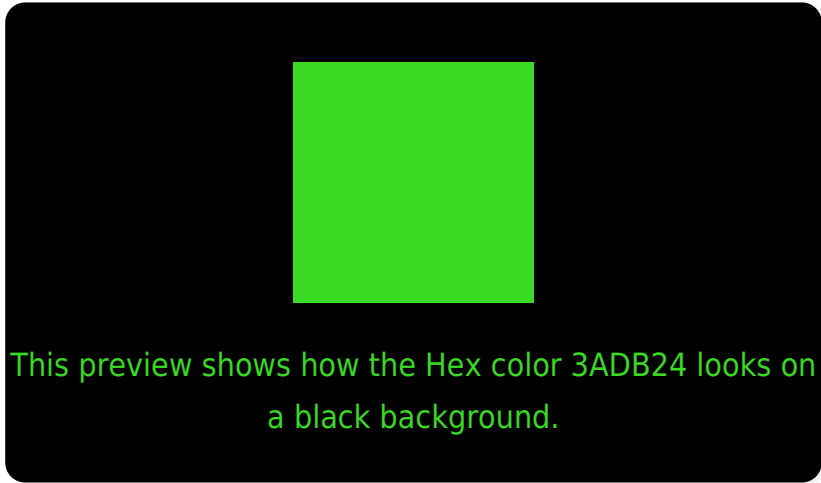
Large Text (above 18pt) WCAG AA × Fail

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 3ADB24 Background



This preview shows how black text looks on a background with the Hex color 3ADB24.

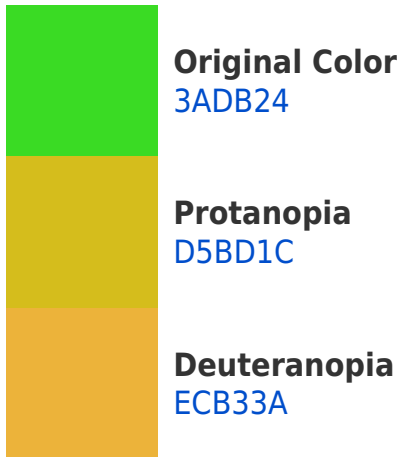


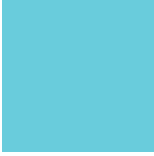
This preview shows how white text looks on a background with the Hex color 3ADB24.

# Color Blindness Simulation

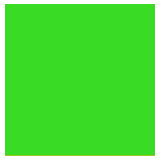
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



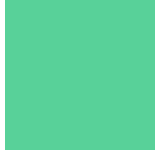
**Original Color**  
3ADB24



**Protanomaly**  
9DC81F



**Deuteranomaly**  
ABC232



**Tritanomaly**  
58D199

# Monochromacy



**Original Color**  
3ADB24



**Achromatopsia**  
969696



**Achromatomaly**  
75AF6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3ADB24 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 #3ADB24 looks like.

```
.text, #text, p{  
    color:#3ADB24  
}
```

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 #3ADB24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ADB24
}
```

## Border

The CSS property to change the border of an element to Hex 3ADB24 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
#3ADB24 }
```

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

```
.border{ border-color:#3ADB24 }
```

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

Here you see how a box with a 4 pixel #3ADB24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ADB24; -webkit-box-shadow:4px 4px  
4px 4px #3ADB24; box-shadow:4px 4px 4px  
4px #3ADB24 }
```

# Background

The CSS property to change the background color of an element to Hex 3ADB24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ADB24 }
```

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

```
.background{ background-color:#3ADB24 }
```

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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