

# Converting Colors

Hex(3AB426)

Have a look what the booklet for  
Hex(3AB426) contains.

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**Color**

**Hex(3AB426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AB426
RGB	58, 180, 38
RGB Percent	23%, 71%, 15%
CMY	0.7725, 0.2941, 0.8510
CMYK	0.68, 0.00, 0.79, 0.29
HSL	112°, 65%, 43%
HSV	112°, 79%, 71%
XYZ	18.4160, 33.6820, 7.3644
YIQ	127.3340, -27.1300, -70.0260

# Conversions

## Conversions Part 2

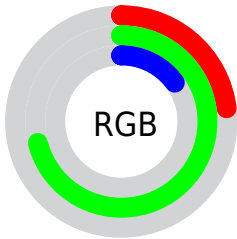
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 180, 160
Decimal	3847206
CIE <sub>Lab</sub>	64.71, -58.56, 57.67
CIE <sub>LCh</sub>	65, 82.186, 135.439
Yxy	33.6820, 0.3097, 0.5664
Android (android.graphics.Color)	4282037286 (0xFF3AB426)
YUV	127.3340, -44.0417, -60.8059
Hunter-Lab	58.0362, -44.9218, 33.1019

# Details

The Hex color **3AB426** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A026B4**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7AED5F**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **2BB414**, and if you desaturate by 10%, it is **49B438**.

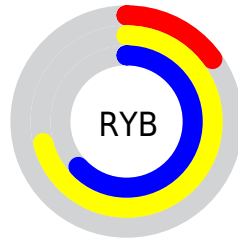
# Distribution



Red (23%)

Green (71%)

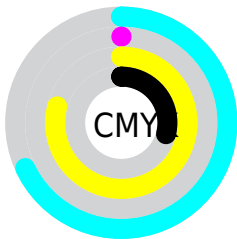
Blue (15%)



Red (15%)

Yellow (71%)

Blue (63%)

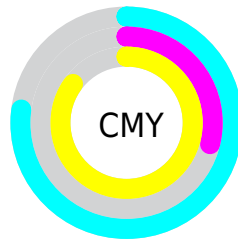


Cyan (68%)

Magenta (0%)

Yellow (79%)

Black (29%)



Cyan (77%)

Magenta (29%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AB426 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 3AB426 by changing the saturation by 10% instead.



 3AB426

 3AB426

FFFFFF

 059900

 7AED5F

 007E00

 97FF7A

 006400

 B5FF95

 004A00

 D3FFB1

 003300

 F1FFCE

 001900

 FFFFEB

 000000

 3AB426

 3AB426

 2BB414

 49B438

 1BB402

 59B44A

 19B400

 68B45C

 78B46E

 87B480

 97B492

 A6B4A4

 B6B4B6

 C5B4C8

# Harmonies

## Analogous

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



9AA500



3AB426



00BB75

# Triad

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



3AB426



00B0FF



FF497A

# Complementary

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



3AB426



A026B4

# 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.



FF50C4



3AB426



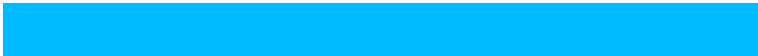
2899FF

# Square

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



3AB426



00BBFF



CE76FF



FF6A34

# Rectangle

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



3AB426



00BDA9



CE76FF



FF4593



# Sweetspot

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



3AB426



BAEBB2



B49F26



587553



F5F5F5



757575



# Same Dimension

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



3AB426



2BEB0C



26B458



525950



169900



041A00



# Inverse Universe

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



A026B4



CB0CEB



B42682



585059



830099



16001A



# Previews

## White Background



This preview shows how the Hex color 3AB426 looks on a white background.

## Color Contrast Check

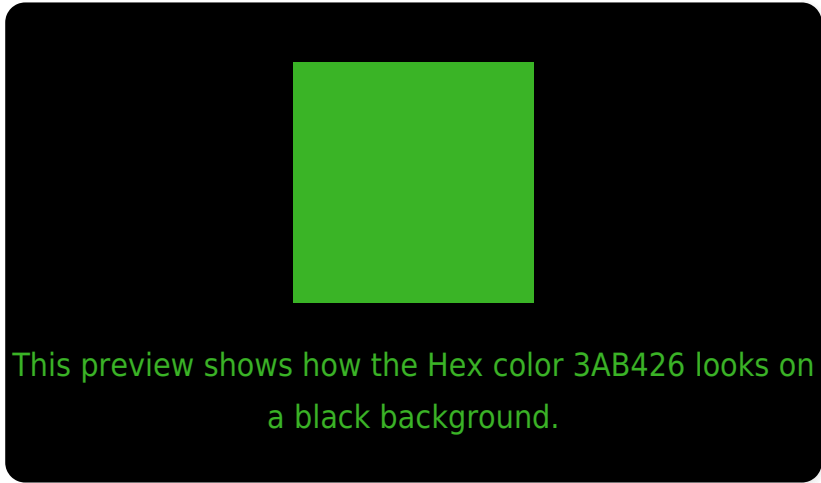
Large Text (above 18pt) WCAG AA × Fail

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

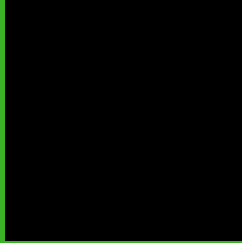
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3AB426 Background



This preview shows how black text looks on a background with the Hex color 3AB426.

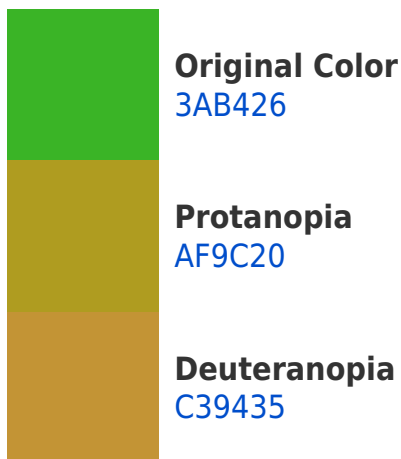


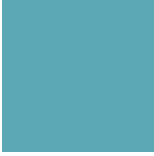
This preview shows how white text looks on a background with the Hex color 3AB426.

# 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**  
5CA8B5

# Trichromacy



**Original Color**

3AB426



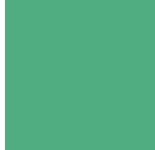
**Protanomaly**

84A522



**Deuteranomaly**

91A030



**Tritanomaly**

50AC81

# Monochromacy



**Original Color**

3AB426



**Achromatopsia**

7F7F7F



**Achromatomaly**

66925F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AB426 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 #3AB426 looks like.

```
.text, #text, p{  
    color:#3AB426  
}
```

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 #3AB426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AB426
}
```

## Border

The CSS property to change the border of an element to Hex 3AB426 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
#3AB426 }
```

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

```
.border{ border-color:#3AB426 }
```

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

Here you see how a box with a 4 pixel #3AB426 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AB426; -webkit-box-shadow:4px 4px  
4px 4px #3AB426; box-shadow:4px 4px 4px  
4px #3AB426 }
```

# Background

The CSS property to change the background color of an element to Hex 3AB426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AB426 }
```

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

```
.background{ background-color:#3AB426 }
```

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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