

# Converting Colors

Hex(52A526)

Have a look what the booklet for  
Hex(52A526) contains.

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**Color**

**Hex(52A526)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	52A526
RGB	82, 165, 38
RGB Percent	32%, 65%, 15%
CMY	0.6784, 0.3529, 0.8510
CMYK	0.50, 0.00, 0.77, 0.35
HSL	99°, 63%, 40%
HSV	99°, 77%, 65%
XYZ	17.2847, 28.8440, 6.4902
YIQ	125.7050, -8.7010, -57.0930

# Conversions

## Conversions Part 2

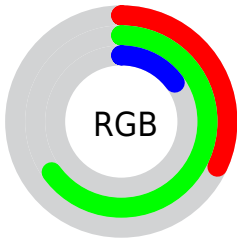
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 165, 121
Decimal	5416230
CIELab	60.64, -47.08, 54.02
CIELCh	61, 71.658, 131.077
Yxy	28.8440, 0.3285, 0.5482
Android (android.graphics.Color)	4283606310 (0xFF52A526)
YUV	125.7050, -43.2386, -38.3293
Hunter-Lab	53.7067, -36.5392, 30.4298

# Details

The Hex color **52A526** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7926A5**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8BDD5D**, and **0D7000** is the 20% darker color. If you saturate the color by 10%, you get **47A516**, and if you desaturate by 10%, it is **5DA537**.

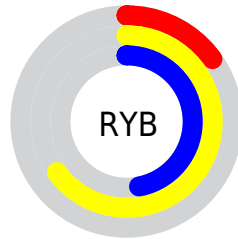
# Distribution



Red (32%)

Green (65%)

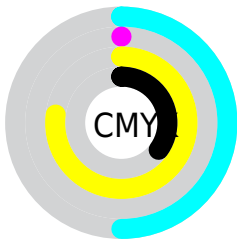
Blue (15%)



Red (15%)

Yellow (65%)

Blue (47%)

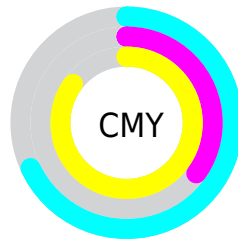


Cyan (50%)

Magenta (0%)

Yellow (77%)

Black (35%)



Cyan (68%)

Magenta (35%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52A526 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 52A526 by changing the saturation by 10% instead.





52A526



52A526

FFFFFF



348A00



8BDD5D



0D7000



A7FA78



005700



C4FF93



003F00



E1FFAE



002A00



FFFFCB



000400



FFFFE8



000000



52A526



52A526



47A516



5DA537

■ 3CA505

■ 68A547

■ 39A500

■ 72A557

■ 7DA568

■ 88A578

■ 93A589

■ 9DA59A

■ A8A5AA

■ B3A5BB

# Harmonies

## Analogous

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



9A9700



52A526



00AC67

# Triad

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



52A526



00A4FF



FF4E7E

# Complementary

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



52A526



7926A5

# 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.



EE58BD



52A526



0092FF

# Square

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



52A526



00ADE4



B276F3



F56442

# Rectangle

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



52A526



00AF93



B276F3



FF4D93



# Sweetspot

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



52A526



B6D6A5



A57926



586B4D



EBEBEB



6B6B6B



# Same Dimension

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



52A526



55D611



26A539



4C5249



329100



061200



# Inverse Universe

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



7926A5



9211D6



A52692



4F4952



5F0091



0C0012



# Previews

## White Background



This preview shows how the Hex color 52A526 looks on a white background.

## Color Contrast Check

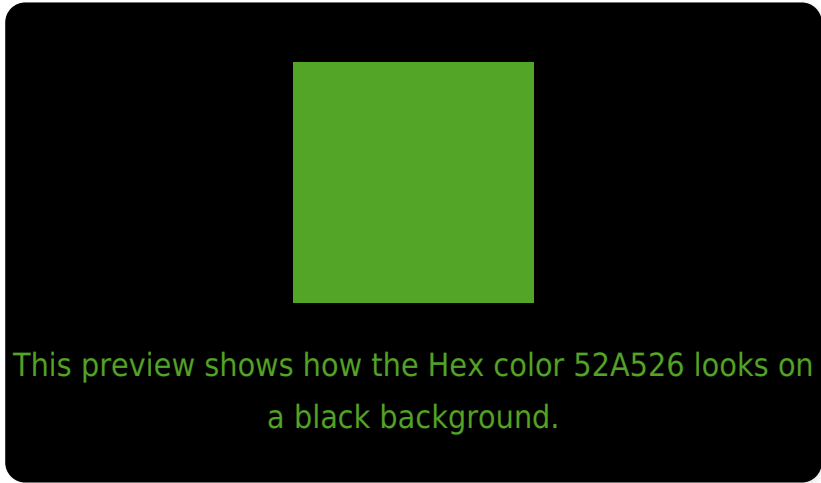
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 52A526 Background



This preview shows how black text looks on a background with the Hex color 52A526.

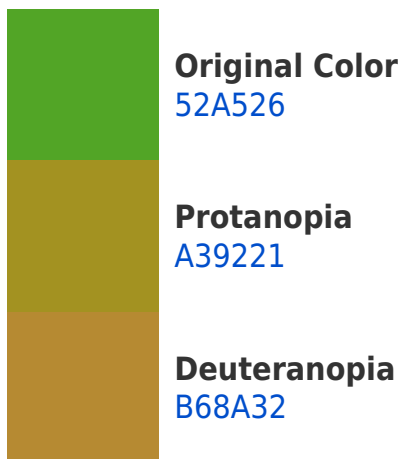


This preview shows how white text looks on a background with the Hex color 52A526.

# 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](#).

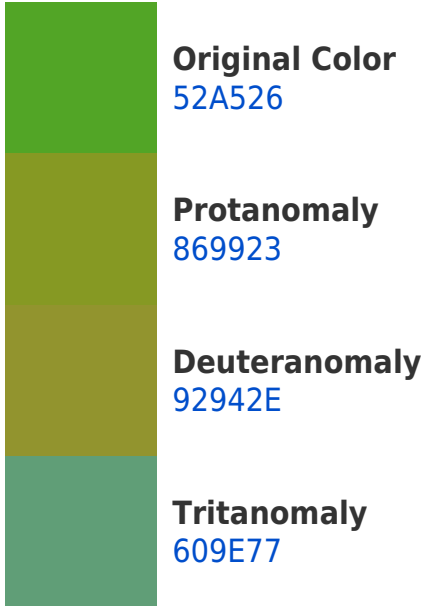
## Dichromacy



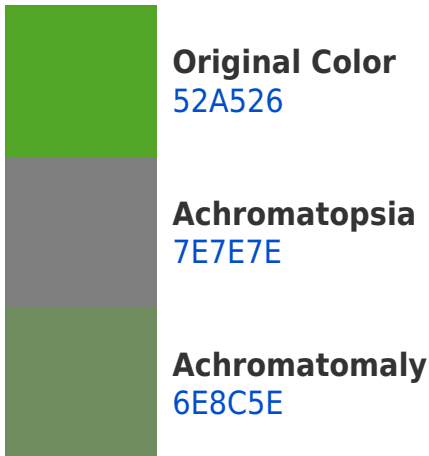


**Tritanopia**  
689AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52A526 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 #52A526 looks like.

```
.text, #text, p{  
    color:#52A526  
}
```

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 #52A526 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A526
}
```

## Border

The CSS property to change the border of an element to Hex 52A526 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
#52A526 }
```

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

```
.border{ border-color:#52A526 }
```

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

Here you see how a box with a 4 pixel #52A526 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A526; -webkit-box-shadow:4px 4px  
4px 4px #52A526; box-shadow:4px 4px 4px  
4px #52A526 }
```

# Background

The CSS property to change the background color of an element to Hex 52A526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A526 }
```

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

```
.background{ background-color:#52A526 }
```

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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