

Converting Colors

Hex(4BAA50)

Have a look what the booklet for
Hex(4BAA50) contains.

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Color

Hex(4BAA50)

Conversions

Conversions Part 1

Format	Color
Hex	4BAA50
RGB	75, 170, 80
RGB Percent	29%, 67%, 31%
CMY	0.7059, 0.3333, 0.6863
CMYK	0.56, 0.00, 0.53, 0.33
HSL	123°, 39%, 48%
HSV	123°, 56%, 67%
XYZ	18.7243, 30.8245, 12.5523
YIQ	131.3350, -27.7300, -48.1300

Conversions

Conversions Part 2

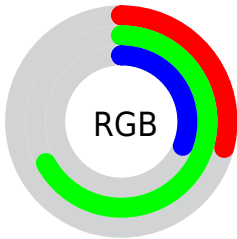
Format	Color
RYB	75, 165, 170
Decimal	4958800
CIELab	62.36, -46.82, 37.76
CIELCh	62, 60.153, 141.113
Yxy	30.8245, 0.3015, 0.4964
Android (android.graphics.Color)	4283148880 (0xFF4BAA50)
YUV	131.3350, -25.3082, -49.4058
Hunter-Lab	55.5198, -36.9596, 25.4592

Details

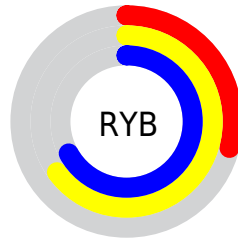
The Hex color **4BAA50** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA4BA5**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **84E283**, and **00751F** is the 20% darker color. If you saturate the color by 10%, you get **3AAA40**, and if you desaturate by 10%, it is **5CAA60**.

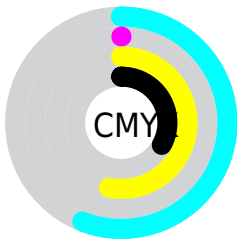
Distribution



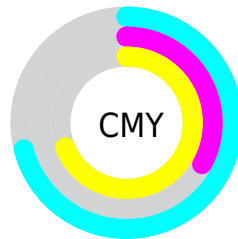
- Red (29%)
- Green (67%)
- Blue (31%)



- Red (29%)
- Yellow (65%)
- Blue (67%)



- Cyan (56%)
- Magenta (0%)
- Yellow (53%)
- Black (33%)



- Cyan (71%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BAA50 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 4BAA50 by changing the saturation by 10% instead.



4BAA50



4BAA50

FFFFFF



2C8F37



84E283



00751F



A0FF9E



005B02



BDFFB9



004300



DAFFD5



002D00



F7FFF2



000F00



000000



4BAA50



4BAA50



3AAA40



5CAA60

■ 29AA30

■ 6DAA70

■ 18AA20

■ 7EAA80

■ 07AA10

■ 8FAA90

■ 00AA09

■ A0AAA1

■ B1AAB1

■ C2AAC1

■ D3AAD1

■ E4AAE1

Harmonies

Analogous

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



8E9F28



4BAA50



00AF85

Triad

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



4BAA50



00A1FF



F76773

Complementary

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



4BAA50



AA4BA5

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.



EF66A9



4BAA50



7A8FFB

Square

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



4BAA50



00ACE9



C878DA



E57944

Rectangle

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



4BAA50



00B0AA



C878DA



F86485

Sweetspot

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



4BAA50



B8DEBA



A5AA4B



5A705B



F0F0F0



707070

Same Dimension

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



4BAA50



49DE51



4BAA7F



4C544C



009408



001401

Inverse Universe

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



AA4BA5



DE49D6



AA4B76



544C54



94008C



140013

Previews

White Background



This preview shows how the Hex color 4BAA50 looks on a white background.

Color Contrast Check

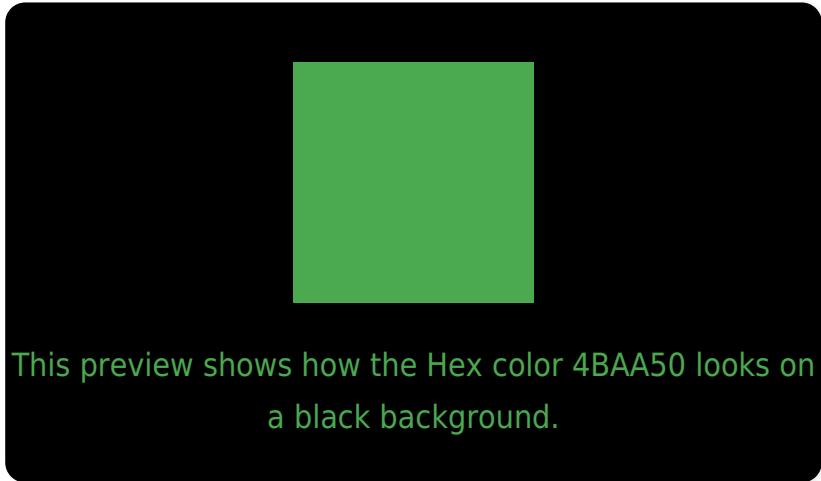
Large Text (above 18pt) WCAG AA × Fail

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 4BAA50 Background



This preview shows how black text looks on a background with the Hex color 4BAA50.

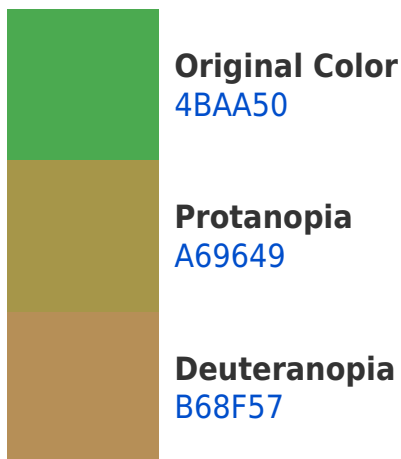


This preview shows how white text looks on a background with the Hex color 4BAA50.

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](#).

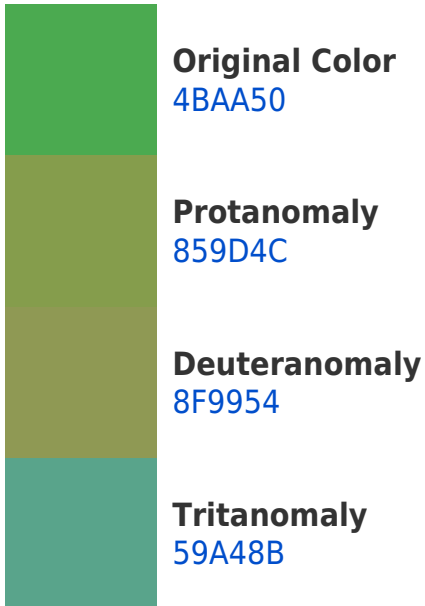
Dichromacy



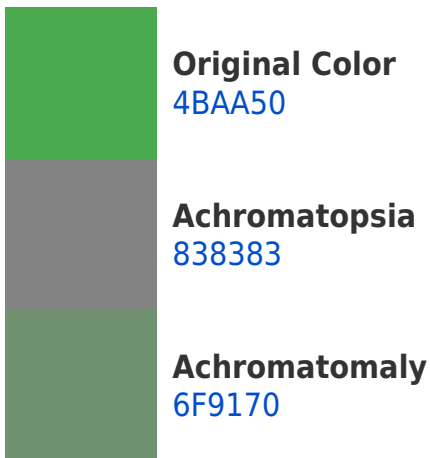


Tritanopia
61A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BAA50 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 #4BAA50 looks like.

```
.text, #text, p{  
    color:#4BAA50  
}
```

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 #4BAA50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BAA50
}
```

Border

The CSS property to change the border of an element to Hex 4BAA50 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
#4BAA50 }
```

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

```
.border{ border-color:#4BAA50 }
```

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

Here you see how a box with a 4 pixel #4BAA50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BAA50; -webkit-box-shadow:4px 4px  
4px 4px #4BAA50; box-shadow:4px 4px 4px  
4px #4BAA50 }
```

Background

The CSS property to change the background color of an element to Hex 4BAA50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BAA50 }
```

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

```
.background{ background-color:#4BAA50 }
```

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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