

# Converting Colors

Hex(5BA463)

Have a look what the booklet for  
Hex(5BA463) contains.

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**Color**

**Hex(5BA463)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA463
RGB	91, 164, 99
RGB Percent	36%, 64%, 39%
CMY	0.6431, 0.3569, 0.6118
CMYK	0.45, 0.00, 0.40, 0.36
HSL	127°, 29%, 50%
HSV	127°, 45%, 64%
XYZ	19.8420, 29.6759, 16.4866
YIQ	134.7630, -22.6430, -35.6910

# Conversions

## Conversions Part 2

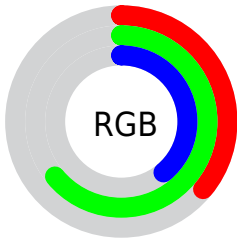
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 157, 164
Decimal	6005859
CIE <sub>Lab</sub>	61.37, -36.90, 26.80
CIE <sub>LCh</sub>	61, 45.605, 144.004
Yxy	29.6759, 0.3006, 0.4496
Android (android.graphics.Color)	4284195939 (0xFF5BA463)
YUV	134.7630, -17.6312, -38.3802
Hunter-Lab	54.4756, -30.3162, 20.1893

# Details

The Hex color **5BA463** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A45B9C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **91DC96**, and **256F33** is the 20% darker color. If you saturate the color by 10%, you get **4BA454**, and if you desaturate by 10%, it is **6BA472**.

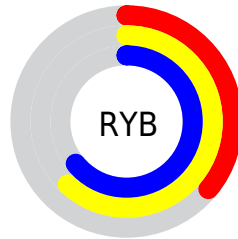
# Distribution



Red (36%)

Green (64%)

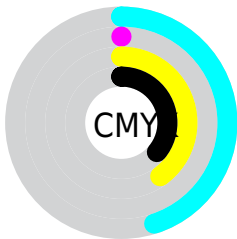
Blue (39%)



Red (36%)

Yellow (62%)

Blue (64%)

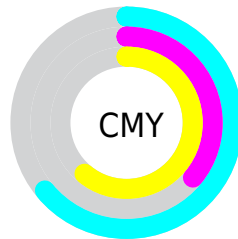


Cyan (45%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BA463 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 5BA463 by changing the saturation by 10% instead.



 5BA463

 5BA463

FFFFFF

 40894B

 91DC96

 256F33

 ADF8B1

 00571C

 C9FFCD

 003E05

 E6FFE9

 002900

 000900

 000000

 5BA463

 5BA463

 4BA454

 6BA472

 3AA446

 7CA480

 2AA437

 8CA48F

 19A429

 9DA49D

 09A41A

 ADA4AC

 00A412

 BDA4BB

 CEA4C9

 DEA4D8

 EFA4E6

# Harmonies

## Analogous

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



8C9C47



5BA463



00A88A

# Triad

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



5BA463



329BE4



E07476

# Complementary

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



5BA463



A45B9C

# 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.



DB739E



5BA463



8A8DDE

# Square

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



5BA463



00A4D5



BE7DC4



D18054

# Rectangle

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



5BA463



00A9A6



BE7DC4



E07383



# Sweetspot

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



5BA463



BAD6BD



9DA45B



5A6B5C



EBEBEB



6B6B6B



# Same Dimension

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



5BA463



65D671



5BA487



49524A



009110



001202



# Inverse Universe

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



A45B9C



D665CA



A45B78



524951



910081



120010



# Previews

## White Background



This preview shows how the Hex color 5BA463 looks on a white background.

## Color Contrast Check

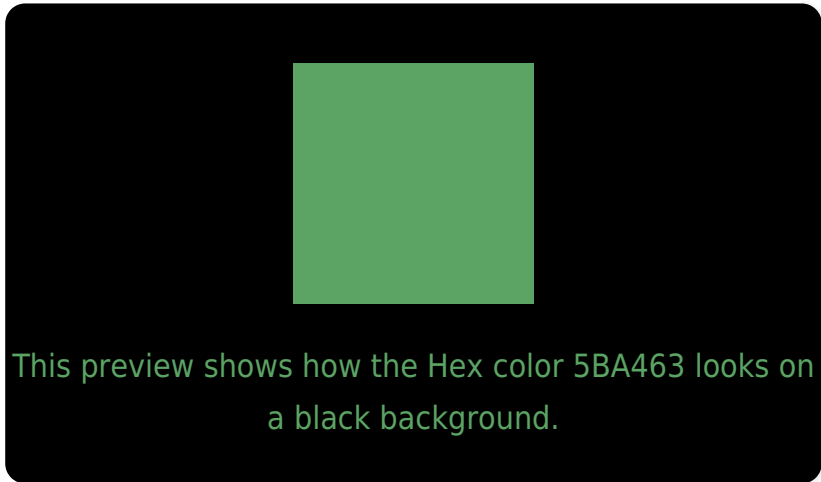
Large Text (above 18pt) WCAG AA ✓ Pass

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 5BA463 Background



This preview shows how black text looks on a background with the Hex color 5BA463.

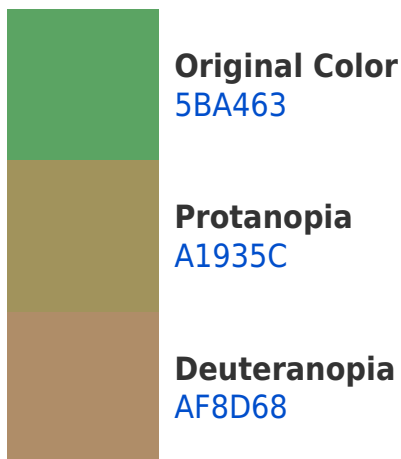


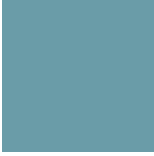
This preview shows how white text looks on a background with the Hex color 5BA463.

# 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](#).

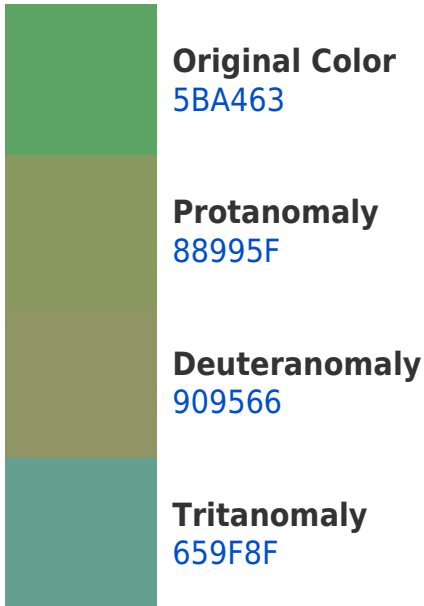
## Dichromacy



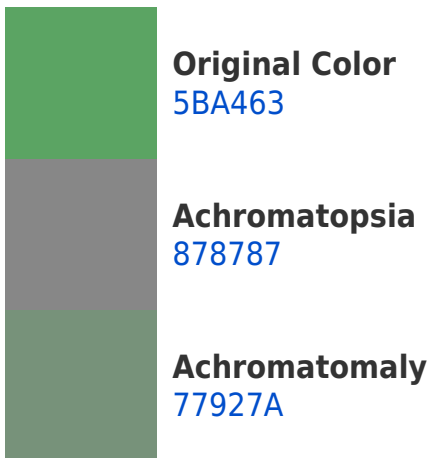


**Tritanopia**  
6A9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BA463 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 #5BA463 looks like.

```
.text, #text, p{  
    color:#5BA463  
}
```

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 #5BA463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA463
}
```

## Border

The CSS property to change the border of an element to Hex 5BA463 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
#5BA463 }
```

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

```
.border{ border-color:#5BA463 }
```

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

Here you see how a box with a 4 pixel #5BA463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA463; -webkit-box-shadow:4px 4px  
4px 4px #5BA463; box-shadow:4px 4px 4px  
4px #5BA463 }
```

# Background

The CSS property to change the background color of an element to Hex 5BA463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA463 }
```

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

```
.background{ background-color:#5BA463 }
```

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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