

# Converting Colors

Hex(5BA254)

Have a look what the booklet for  
Hex(5BA254) contains.

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**Color**

**Hex(5BA254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA254
RGB	91, 162, 84
RGB Percent	36%, 64%, 33%
CMY	0.6431, 0.3647, 0.6706
CMYK	0.44, 0.00, 0.48, 0.36
HSL	115°, 32%, 48%
HSV	115°, 48%, 64%
XYZ	18.8349, 28.7049, 12.9354
YIQ	131.8790, -17.2780, -39.3100

# Conversions

## Conversions Part 2

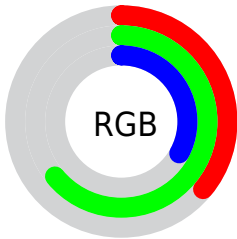
Format	Color
<b>RYB</b>	84, 162, 155
Decimal	6005332
CIELab	60.52, -38.32, 33.61
CIELCh	61, 50.976, 138.747
Yxy	28.7049, 0.3114, 0.4747
Android (android.graphics.Color)	4284195412 (0xFF5BA254)
YUV	131.8790, -23.6043, -35.8509
Hunter-Lab	53.5770, -31.0081, 23.1891

# Details

The Hex color **5BA254** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9B54A2**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **91D987**, and **246E24** is the 20% darker color. If you saturate the color by 10%, you get **4CA244**, and if you desaturate by 10%, it is **6AA264**.

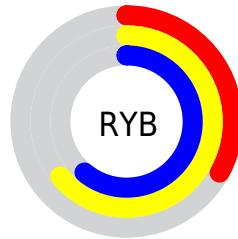
# Distribution



Red (36%)

Green (64%)

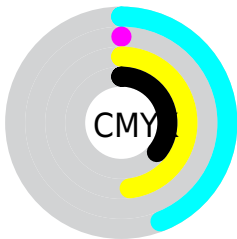
Blue (33%)



Red (33%)

Yellow (64%)

Blue (61%)

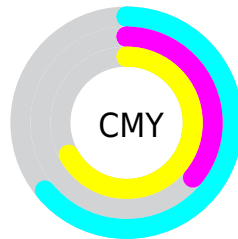


Cyan (44%)

Magenta (0%)

Yellow (48%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BA254 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 5BA254 by changing the saturation by 10% instead.





5BA254



5BA254

FFFFFF



40873C



91D987



246E24



ADF6A2



00550B



C9FFBD



003D00



E6FFD9



002800



FFFFFF6



000400



000000



5BA254



5BA254



4CA244



6AA264

 3EA234


 78A274

 2FA223

 87A285

 20A213

 96A295

 11A203

 A5A2A5

 0FA200

 B3A2B5

 C2A2C5

 D1A2D6

 E0A2E6

# Harmonies

## Analogous

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



909837



5BA254



00A77F

# Triad

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



5BA254



009CEA



E56C78

# Complementary

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



5BA254



9B54A2

# 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.



DC6CA5



5BA254



778DE7

# Square

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



5BA254



00A5D5



B87BCE



D87850

# Rectangle

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



5BA254



00A89E



B87BCE



E56A86



# Sweetspot

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



5BA254



B9D4B6



A29A54



5B6B59



EBEBEB



6B6B6B



# Same Dimension

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



5BA254



64D459



54A273



4A5249



0D9100



021200



# Inverse Universe

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



9B54A2



C959D4



A25483



514952



840091



100012



# Previews

## White Background



This preview shows how the Hex color 5BA254 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

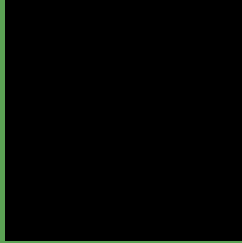
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5BA254 Background



This preview shows how black text looks on a background with the Hex color 5BA254.

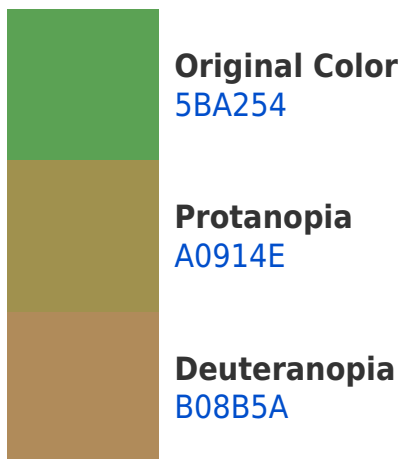


This preview shows how white text looks on a background with the Hex color 5BA254.

# 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](#).

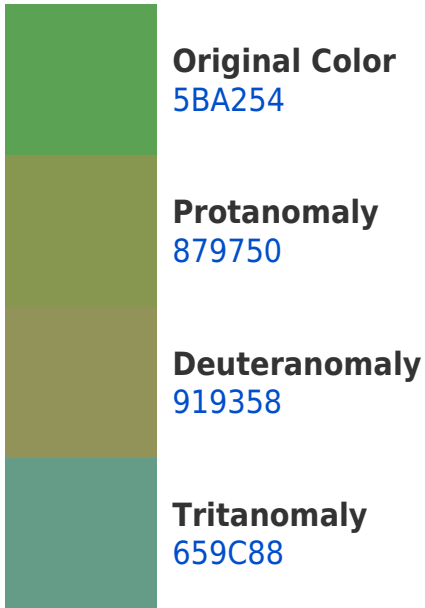
## Dichromacy



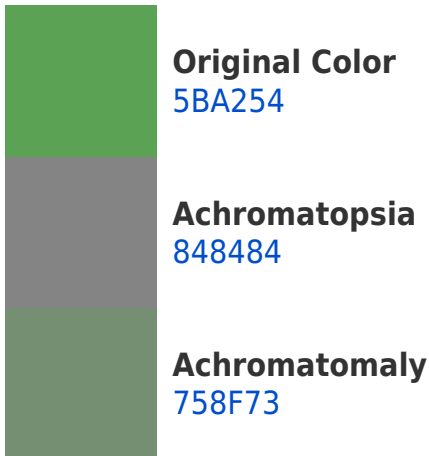


**Tritanopia**  
6B99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BA254 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 #5BA254 looks like.

```
.text, #text, p{  
    color:#5BA254  
}
```

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 #5BA254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA254
}
```

## Border

The CSS property to change the border of an element to Hex 5BA254 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
#5BA254 }
```

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

```
.border{ border-color:#5BA254 }
```

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

Here you see how a box with a 4 pixel #5BA254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA254; -webkit-box-shadow:4px 4px  
4px 4px #5BA254; box-shadow:4px 4px 4px  
4px #5BA254 }
```

# Background

The CSS property to change the background color of an element to Hex 5BA254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA254 }
```

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

```
.background{ background-color:#5BA254 }
```

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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