

# Converting Colors

Hex(5BA440)

Have a look what the booklet for  
Hex(5BA440) contains.

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**Color**

**Hex(5BA440)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA440
RGB	91, 164, 64
RGB Percent	36%, 64%, 25%
CMY	0.6431, 0.3569, 0.7490
CMYK	0.45, 0.00, 0.61, 0.36
HSL	104°, 44%, 45%
HSV	104°, 61%, 64%
XYZ	18.5153, 29.1452, 9.5002
YIQ	130.7730, -11.4080, -46.5760

# Conversions

## Conversions Part 2

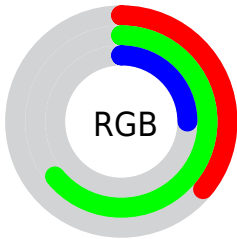
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 164, 137
Decimal	6005824
CIELab	60.91, -41.66, 43.90
CIELCh	61, 60.519, 133.503
Yxy	29.1452, 0.3239, 0.5099
Android (android.graphics.Color)	4284195904 (0xFF5BA440)
YUV	130.7730, -32.9191, -34.8809
Hunter-Lab	53.9863, -33.2573, 27.3569

# Details

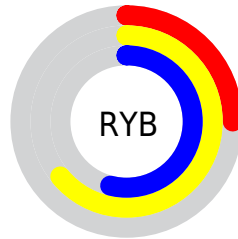
The Hex color **5BA440** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8940A4**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **92DC73**, and **226F08** is the 20% darker color. If you saturate the color by 10%, you get **4FA430**, and if you desaturate by 10%, it is **67A450**.

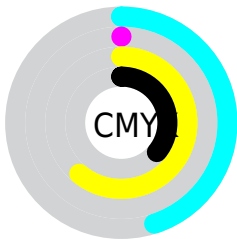
# Distribution



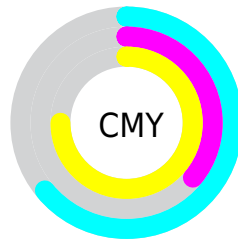
- Red (36%)
- Green (64%)
- Blue (25%)



- Red (25%)
- Yellow (64%)
- Blue (54%)



- Cyan (45%)
- Magenta (0%)
- Yellow (61%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BA440 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 5BA440 by changing the saturation by 10% instead.



 5BA440

 5BA440

FFFFFF

 3F8926

 92DC73

 226F08

 AEF88E

 005600

 CBFFA9

 003E00

 E8FFC5

 002900

 FFFFE1

 000600

FFFFFFE

 000000

 5BA440

 5BA440

 4FA430

 67A450

 43A41F

 73A461

 37A40F

 7FA471

 2CA400

 8BA482

 97A492

 A3A4A2

 AFA4B3

 BBA4C3

 C7A4D4

# Harmonies

## Analogous

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



98981C



5BA440



00AB73

# Triad

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



5BA440



00A1F9



F4607D

# Complementary

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



5BA440



8940A4

# 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.



E565B3



5BA440



5691FB

# Square

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



5BA440



00AADB



B57AE1



E8704B

# Rectangle

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



5BA440



00AC98



B57AE1



F25F8F



# Sweetspot

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



5BA440



BAD6B0



A48840



5A6B54



EBEBEB



6B6B6B



# Same Dimension

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



5BA440



64D63A



40A456



4C5249



279100



051200



# Inverse Universe

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



8940A4



AC3AD6



A4408E



4F4952



6A0091



0D0012



# Previews

## White Background



This preview shows how the Hex color 5BA440 looks on a white background.

## Color Contrast Check

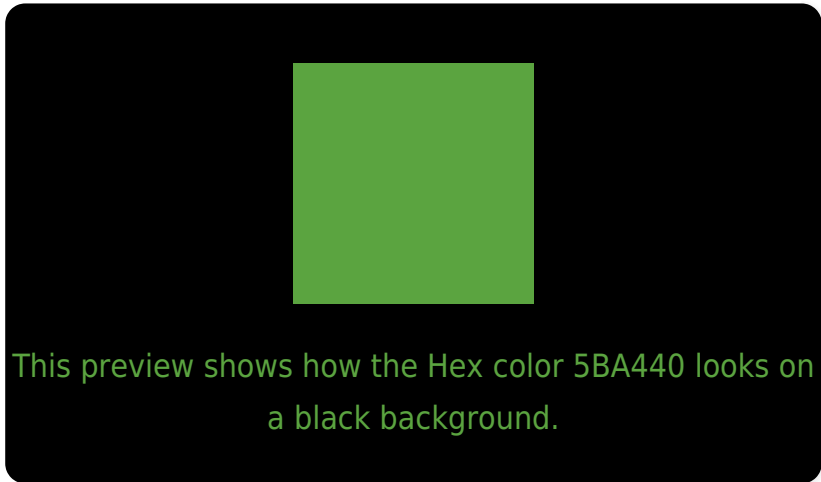
Large Text (above 18pt) WCAG AA ✓ Pass

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 5BA440 Background



This preview shows how black text looks on a background with the Hex color 5BA440.

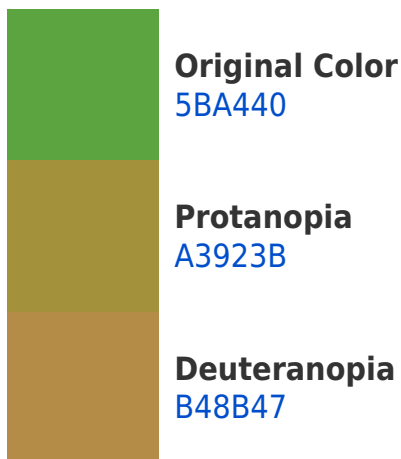



This preview shows how white text looks on a background with the Hex color 5BA440.

# 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](#).

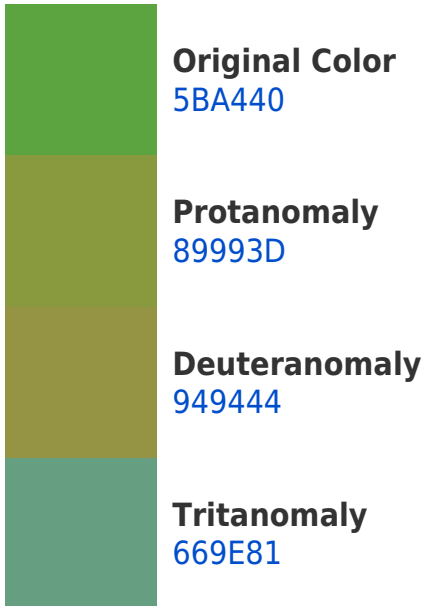
## Dichromacy



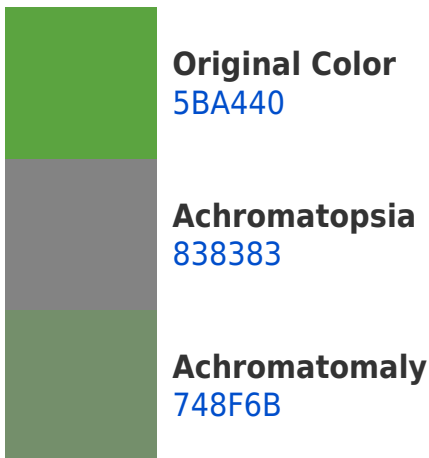


**Tritanopia**  
6D9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BA440 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 #5BA440 looks like.

```
.text, #text, p{  
    color:#5BA440  
}
```

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 #5BA440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA440
}
```

## Border

The CSS property to change the border of an element to Hex 5BA440 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
#5BA440 }
```

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

```
.border{ border-color:#5BA440 }
```

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

Here you see how a box with a 4 pixel #5BA440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA440; -webkit-box-shadow:4px 4px  
4px 4px #5BA440; box-shadow:4px 4px 4px  
4px #5BA440 }
```

# Background

The CSS property to change the background color of an element to Hex 5BA440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA440 }
```

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

```
.background{ background-color:#5BA440 }
```

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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