

# Converting Colors

Hex(A5953B)

Have a look what the booklet for  
Hex(A5953B) contains.

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**Color**

**Hex(A5953B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5953B
RGB	165, 149, 59
RGB Percent	65%, 58%, 23%
CMY	0.3529, 0.4157, 0.7686
CMYK	0.00, 0.10, 0.64, 0.35
HSL	51°, 47%, 44%
HSV	51°, 64%, 65%
XYZ	27.0539, 29.8100, 8.4657
YIQ	143.5240, 38.4260, -24.5980

# Conversions

## Conversions Part 2

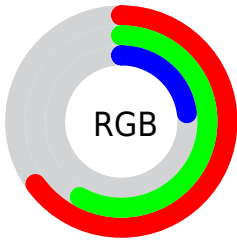
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 165, 59
Decimal	10851643
CIE Lab	61.49, -5.11, 48.24
CIE LCh	61, 48.511, 96.042
Yxy	29.8100, 0.4141, 0.4563
Android (android.graphics.Color)	4289041723 (0xFFFA5953B)
YUV	143.5240, -41.6703, 18.8345
Hunter-Lab	54.5985, -7.0996, 29.0259

# Details

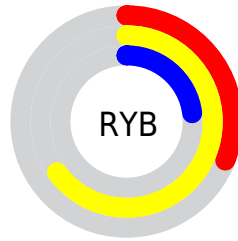
The Hex color **A5953B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B4BA5**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **DECB6E**, and **6E6301** is the 20% darker color. If you saturate the color by 10%, you get **A5932A**, and if you desaturate by 10%, it is **A5974B**.

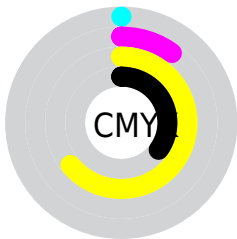
# Distribution



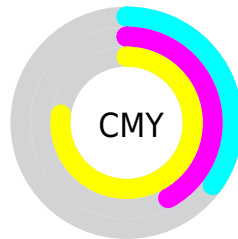
- Red (65%)
- Green (58%)
- Blue (23%)



- Red (31%)
- Yellow (65%)
- Blue (23%)



- Cyan (0%)
- Magenta (10%)
- Yellow (64%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5953B 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 A5953B by changing the saturation by 10% instead.





A5953B



A5953B

FFFFFF



897B21



DECB6E



6E6301



FCE789



544B00



FFFFA4



3A3500



FFFFC0



212000



FFFFDC



000900



FFFFF9



000000



A5953B



A5953B



A5932A



A5974B

 A5901A

 A59A5C

 A58E09

 A59C6C

 A58C00

 A59F7D

 A5A18D

 A5A49E

 A5A6AE

 A5A9BF

 A5ABCF

# Harmonies

## Analogous

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



C98645



A5953B



78A04C

# Triad

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



A5953B



00A9C6



D076B8

# Complementary

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



A5953B



3B4BA5

# 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.



A386DA



A5953B



00A2E2

# Square

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



A5953B



00AA9C



5796EA



E46F8D

# Rectangle

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



A5953B



52A663



5796EA



C47BC5



# Sweetspot

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



A5953B



D6D0AE



A53B4D



6B6752



EBEBEB



6B6B6B



# Same Dimension

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



A5953B



D6BD31



82A53B



525049



917B00



120F00



# Inverse Universe

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



3B4BA5



314AD6



5E3BA5



494B52



001691



000312



# Previews

## White Background



This preview shows how the Hex color A5953B looks on a white background.

## Color Contrast Check

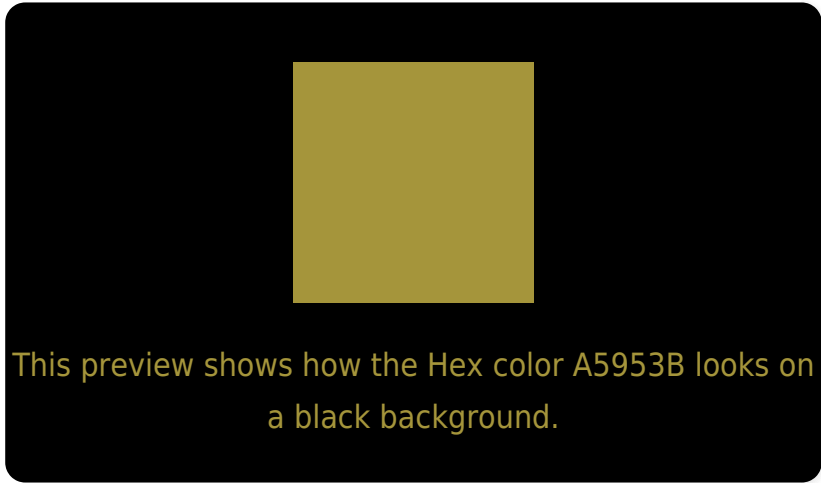
Large Text (above 18pt) WCAG AA ✓ Pass

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 A5953B Background



This preview shows how black text looks on a background with the Hex color A5953B.



This preview shows how white text looks on a background with the Hex color A5953B.

# 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



**Original Color**  
A5953B

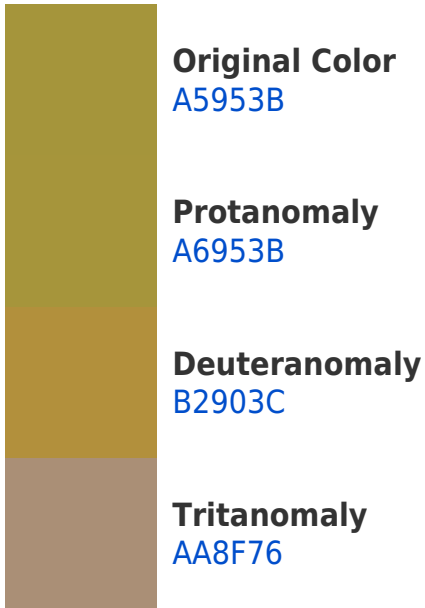
**Protanopia**  
A6953B

**Deuteranopia**  
B98D3D

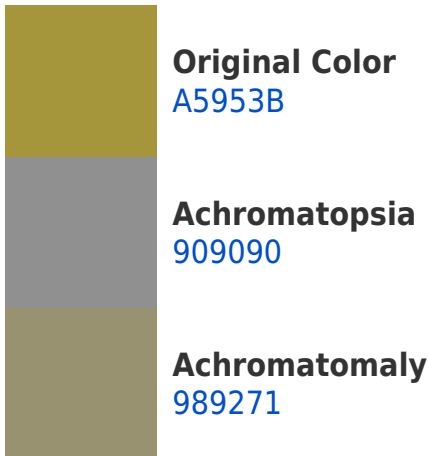


**Tritanopia**  
AD8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5953B 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 #A5953B looks like.

```
.text, #text, p{  
    color:#A5953B  
}
```

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 #A5953B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5953B
}
```

## Border

The CSS property to change the border of an element to Hex A5953B 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
#A5953B }
```

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

```
.border{ border-color:#A5953B }
```

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

Here you see how a box with a 4 pixel #A5953B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5953B; -webkit-box-shadow:4px 4px  
4px 4px #A5953B; box-shadow:4px 4px 4px  
4px #A5953B }
```

# Background

The CSS property to change the background color of an element to Hex A5953B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5953B }
```

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

```
.background{ background-color:#A5953B }
```

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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