

# Converting Colors

Hex(B49350)

Have a look what the booklet for  
Hex(B49350) contains.

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**Color**

**Hex(B49350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B49350
RGB	180, 147, 80
RGB Percent	71%, 58%, 31%
CMY	0.2941, 0.4235, 0.6863
CMYK	0.00, 0.18, 0.56, 0.29
HSL	40°, 40%, 51%
HSV	40°, 56%, 71%
XYZ	30.7041, 31.1499, 11.9837
YIQ	149.2290, 41.1750, -13.8410

# Conversions

## Conversions Part 2

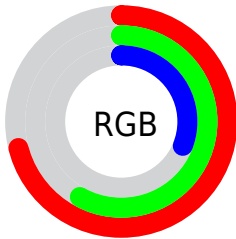
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 180, 80
Decimal	11834192
CIELab	62.63, 4.14, 39.73
CIELCh	63, 39.945, 84.057
Yxy	31.1499, 0.4158, 0.4219
Android (android.graphics.Color)	4290024272 (0xFFB49350)
YUV	149.2290, -34.1299, 26.9862
Hunter-Lab	55.8121, 0.5275, 26.3381

# Details

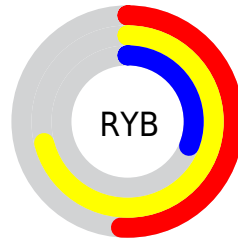
The Hex color **B49350** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5071B4**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EEC983**, and **7D6120** is the 20% darker color. If you saturate the color by 10%, you get **B48D3E**, and if you desaturate by 10%, it is **B49962**.

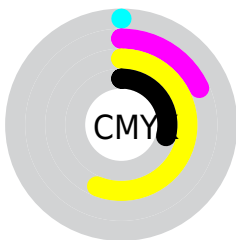
# Distribution



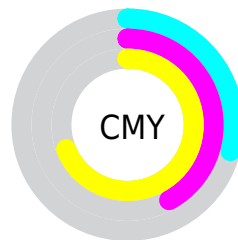
- Red (71%)
- Green (58%)
- Blue (31%)



- Red (51%)
- Yellow (71%)
- Blue (31%)



- Cyan (0%)
- Magenta (18%)
- Yellow (56%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B49350 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 B49350 by changing the saturation by 10% instead.



 B49350

 B49350

FFFFFF

 987938

 EEC983

 7D6120

 FFE59D

 624905

 FFFFB9

 483300

 FFFFDD

 2F1E00

 FFFFF1

 160600

 000000

 B49350

 B49350

 B48D3E

 B49962

 B4872C

 B49F74

 B4811A

 B4A586

 B47B08

 B4AB98

 B47900

 B4B1AA

 B4B7BC

 B4BDCE

 B4C3E0

 B4C8F2

# Harmonies

## Analogous

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



CE865F



B49350



919E55

# Triad

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



B49350



00AAB3



BD84C2

# Complementary

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



B49350



5071B4

# 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.



9091D8



B49350



00A6D0

# Square

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



B49350



2EAA8F



509DDE



D67BA0

# Rectangle

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



B49350



76A463



509DDE



B088CB



# Sweetspot

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



B49350



EBDDC3



B45071



756E5E



F5F5F5



757575



# Same Dimension

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



B49350



EBB74D



A3B450



595650



996700



1A1100



# Inverse Universe

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



5071B4



4D81EB



6150B4



505359



003299



00081A



# Previews

## White Background



This preview shows how the Hex color B49350 looks on a white background.

## Color Contrast Check

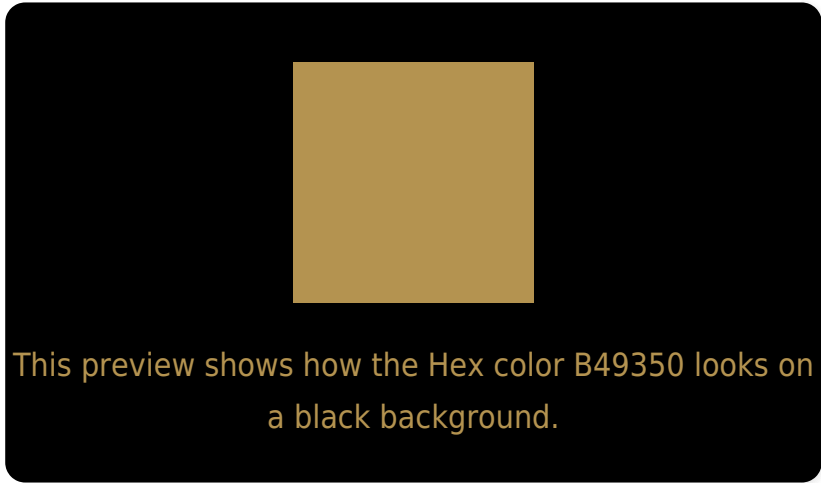
Large Text (above 18pt) WCAG AA × Fail

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 B49350 Background



This preview shows how black text looks on a background with the Hex color B49350.



This preview shows how white text looks on a background with the Hex color B49350.

# 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**  
B49350

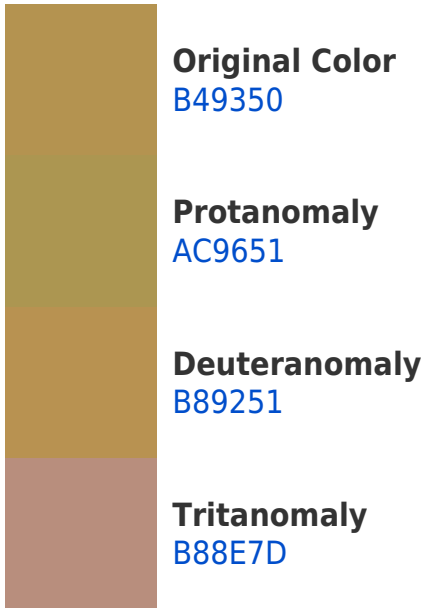
**Protanopia**  
A79852

**Deuteranopia**  
BA9151

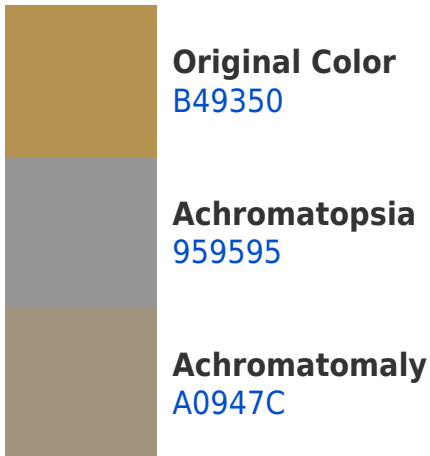


**Tritanopia**  
BA8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B49350 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 #B49350 looks like.

```
.text, #text, p{  
    color:#B49350  
}
```

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 #B49350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B49350
}
```

## Border

The CSS property to change the border of an element to Hex B49350 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
#B49350 }
```

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

```
.border{ border-color:#B49350 }
```

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

Here you see how a box with a 4 pixel #B49350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B49350; -webkit-box-shadow:4px 4px  
4px 4px #B49350; box-shadow:4px 4px 4px  
4px #B49350 }
```

# Background

The CSS property to change the background color of an element to Hex B49350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B49350 }
```

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

```
.background{ background-color:#B49350 }
```

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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