

# Converting Colors

Hex(B19558)

Have a look what the booklet for  
Hex(B19558) contains.

<b>Hex(B19558)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B19558)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B19558
RGB	177, 149, 88
RGB Percent	69%, 58%, 35%
CMY	0.3059, 0.4157, 0.6549
CMYK	0.00, 0.16, 0.50, 0.31
HSL	41°, 36%, 52%
HSV	41°, 50%, 69%
XYZ	30.6404, 31.5466, 13.7067
YIQ	150.4180, 36.2690, -13.0350

# Conversions

## Conversions Part 2

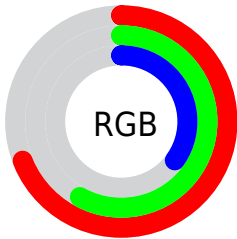
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 177, 88
Decimal	11638104
CIELab	62.97, 2.47, 35.91
CIELCh	63, 35.998, 86.073
Yxy	31.5466, 0.4037, 0.4157
Android (android.graphics.Color)	4289828184 (0xFFB19558)
YUV	150.4180, -30.7721, 23.3124
Hunter-Lab	56.1663, -0.9142, 24.8475

# Details

The Hex color **B19558** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5874B1**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **EACB8B**, and **7A6328** is the 20% darker color. If you saturate the color by 10%, you get **B18F46**, and if you desaturate by 10%, it is **B19B6A**.

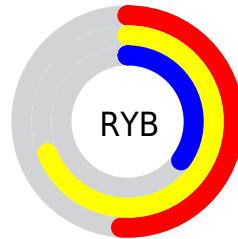
# Distribution



Red (69%)

Green (58%)

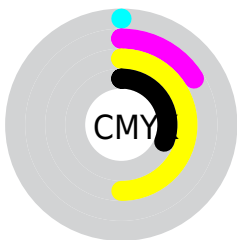
Blue (35%)



Red (51%)

Yellow (69%)

Blue (35%)

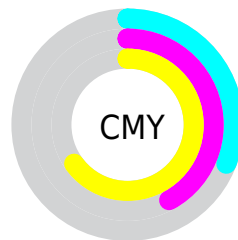


Cyan (0%)

Magenta (16%)

Yellow (50%)

Black (31%)



Cyan (31%)

Magenta (42%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B19558 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 B19558 by changing the saturation by 10% instead.





B19558



B19558

FFFFFF



957B40



EACB8B



7A6328



FFE7A6



604B10



FFFFC1



473400



FFFFDD



2E1F00



FFFFFA



140800



000000



B19558



B19558



B18F46



B19B6A

 B18A35

 B1A07B

 B18423

 B1A68D

 B17F11

 B1AB9F

 B17900

 B1B1B1

 B1B6C2

 B1BCD4

 B1C2E6

 B1C7F7

# Harmonies

## Analogous

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



CA8A64



B19558



919F5E

# Triad

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



B19558



00A9B3



BD86BC

# Complementary

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



B19558



5874B1

# 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.



9692D2



B19558



20A5CD

# Square

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



B19558



3EA993



619DD8



D2809E

# Rectangle

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



B19558



78A46B



619DD8



B18AC5



# Sweetspot

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



B19558



E6DBC3



B15874



736C5E



F2F2F2



737373



# Same Dimension

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



B19558



E6BA5C



A1B158



595650



996900



1A1100



# Inverse Universe

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



5874B1



5C87E6



6858B1



505359



003099



00081A



# Previews

## White Background



This preview shows how the Hex color B19558 looks on a white background.

## Color Contrast Check

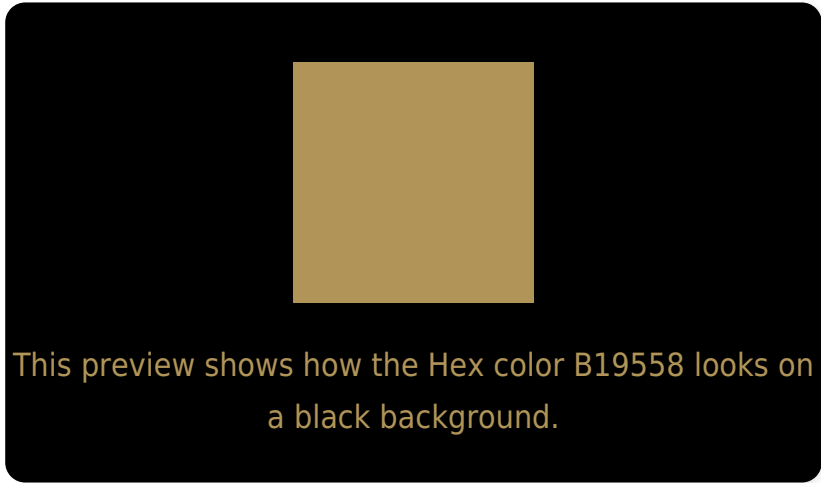
Large Text (above 18pt) WCAG AA × Fail

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

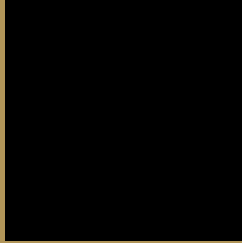
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B19558 Background



This preview shows how black text looks on a background with the Hex color B19558.



This preview shows how white text looks on a background with the Hex color B19558.

# 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**  
B19558

**Protanopia**  
A79959

**Deuteranopia**  
BA9259

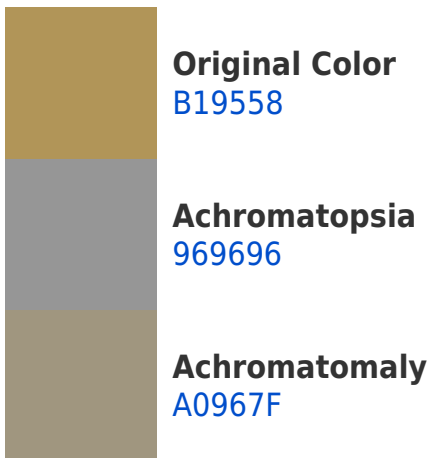


**Tritanopia**  
B78D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B19558 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 #B19558 looks like.

```
.text, #text, p{  
    color:#B19558  
}
```

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 #B19558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B19558
}
```

## Border

The CSS property to change the border of an element to Hex B19558 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
#B19558 }
```

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

```
.border{ border-color:#B19558 }
```

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

Here you see how a box with a 4 pixel #B19558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B19558; -webkit-box-shadow:4px 4px  
4px 4px #B19558; box-shadow:4px 4px 4px  
4px #B19558 }
```

# Background

The CSS property to change the background color of an element to Hex B19558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B19558 }
```

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

```
.background{ background-color:#B19558 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor