

# Converting Colors

Decimal(11709311)

Have a look what the booklet for  
Decimal(11709311) contains.

<b>Decimal(11709311)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(11709311)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2AB7F
RGB	178, 171, 127
RGB Percent	70%, 67%, 50%
CMY	0.3020, 0.3294, 0.5020
CMYK	0.00, 0.04, 0.29, 0.30
HSL	52°, 25%, 60%
HSV	52°, 29%, 70%
XYZ	36.7538, 40.1231, 25.8861
YIQ	168.0770, 18.2960, -12.2000

# Conversions

## Conversions Part 2

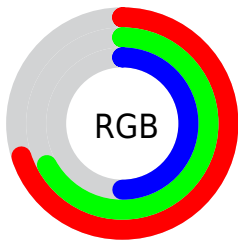
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 178, 127
Decimal	11709311
CIELab	69.56, -4.51, 23.61
CIElCh	70, 24.041, 100.812
Yxy	40.1231, 0.3577, 0.3904
Android (android.graphics.Color)	4289899391 (0xFFB2AB7F)
YUV	168.0770, -20.2510, 8.7025
Hunter-Lab	63.3428, -7.2778, 20.1101

# Details

The Decimal color **11709311** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8357554**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **15393460**, and **8222541** is the 20% darker color. If you saturate the color by 10%, you get **11708781**, and if you desaturate by 10%, it is **11709841**.

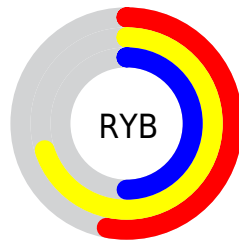
# Distribution



Red (70%)

Green (67%)

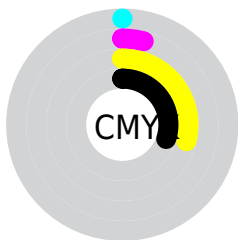
Blue (50%)



Red (53%)

Yellow (70%)

Blue (50%)

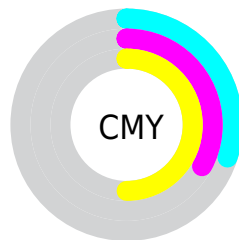


Cyan (0%)

Magenta (4%)

Yellow (29%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11709311 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 Decimal color 11709311 by changing the saturation by 10% instead.



 11709311  11709311

16777215  9933158

 15393460  8222541

 16777168  6512182

 16777196  4933408

 3354634

 1907712

 0

 11709311  11709311

 11708781  11709841

■ 11707995

■ 11710627

■ 11707466

■ 11711156

■ 11706680

■ 11711942

■ 11706150

■ 11712472

■ 11705364

■ 11713258

■ 11704834

■ 11713788

■ 11704832

■ 11714559

■ 11715071

# Harmonies

## Analogous

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



13083777



11709311



10137992

# Triad

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



11709311



7124422



13409465

# Complementary

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



11709311



8357554

# 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.



12034763



11709311



8237266

# Square

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



11709311



7321265



10136020



14064291

# Rectangle

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



11709311



9024660



10136020



13082048



# Sweetspot

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



11709311



15263187



11698055



7697512



16119285



7697781



# Same Dimension

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



11709311



15261081



10531455



5855312



10060800



1709568



# Inverse Universe

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



8357554



10069224



9535410



5263961



5529



1050



# Previews

## White Background



This preview shows how the Decimal color 11709311 looks on a white background.

## Color Contrast Check

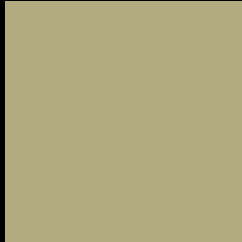
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11709311 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

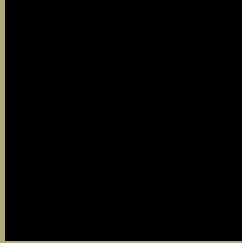
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

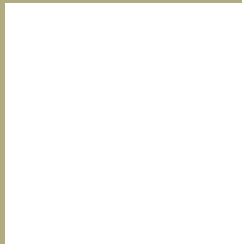
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11709311 Background



This preview shows how black text looks on a background with the Decimal color 11709311.



This preview shows how white text looks on a background with the Decimal color 11709311.

# 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**  
11709311

**Protanopia**  
11971198

**Deuteranopia**  
13149057



**Tritanopia**  
12100785

# Trichromacy



**Original Color**  
11709311

**Protanomaly**  
11905662

**Deuteranomaly**  
12625536

**Tritanomaly**  
11970463

# Monochromacy



**Original Color**  
11709311

**Achromatopsia**  
11053224

**Achromatomaly**  
11315609

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11709311 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 #B2AB7F looks like.

```
.text, #text, p{  
  color:#B2AB7F  
}
```

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 #B2AB7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AB7F
}
```

## Border

The CSS property to change the border of an element to Decimal 11709311 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
#B2AB7F }
```

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

```
.border{ border-color:#B2AB7F }
```

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

Here you see how a box with a 4 pixel #B2AB7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AB7F; -webkit-box-shadow:4px 4px  
4px 4px #B2AB7F; box-shadow:4px 4px 4px  
4px #B2AB7F }
```

# Background

The CSS property to change the background color of an element to Decimal 11709311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AB7F }
```

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

```
.background{ background-color:#B2AB7F }
```

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