

# Converting Colors

Decimal(11714217)

Have a look what the booklet for  
Decimal(11714217) contains.

<b>Decimal(11714217)</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(11714217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2BEA9
RGB	178, 190, 169
RGB Percent	70%, 75%, 66%
CMY	0.3020, 0.2549, 0.3373
CMYK	0.06, 0.00, 0.11, 0.25
HSL	94°, 14%, 70%
HSV	94°, 11%, 75%
XYZ	43.9350, 49.1565, 44.7086
YIQ	184.0180, -0.4110, -9.0750

# Conversions

## Conversions Part 2

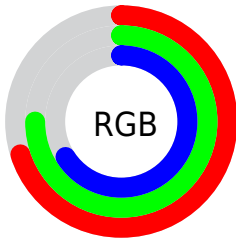
Format	Color
<a href="#">RYB</a>	<a href="#">169, 190, 181</a>
Decimal	<a href="#">11714217</a>
CIELab	<a href="#">75.55, -8.01, 9.19</a>
CIELCh	<a href="#">76, 12.188, 131.067</a>
Yxy	<a href="#">49.1565, 0.3188, 0.3567</a>
Android (android.graphics.Color)	<a href="#">4289904297 (0xFFB2BEA9)</a>
YUV	<a href="#">184.0180, -7.4039, -5.2778</a>
Hunter-Lab	<a href="#">70.1117, -10.8397, 11.2703</a>

# Details

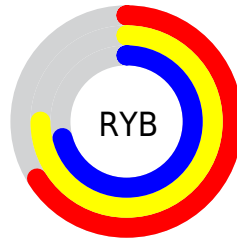
The Decimal color **11714217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **11905470**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **15398624**, and **8227189** is the 20% darker color. If you saturate the color by 10%, you get **10993302**, and if you desaturate by 10%, it is **12435132**.

# Distribution



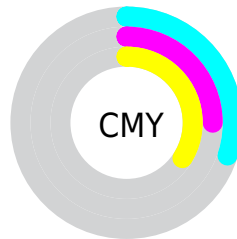
- Red (70%)
- Green (75%)
- Blue (66%)



- Red (66%)
- Yellow (75%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (30%)
- Magenta (25%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11714217 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 11714217 by changing the saturation by 10% instead.





11714217



11714217

16777215



9937807



15398624



8227189

16777213



6582108



5003077



3489838



2107930



660992



0



11714217




11714217

 10993302

 12435132

 10272387

 13156047

 9551472

 13876962

 8896093

 14532341

 8175178

 15253247

 7454263

 15974143

 6733348

 16695039

 6012433

 16760575

 5357056

# Harmonies

## Analogous

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



12565412



11714217



10928306

# Triad

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



11714217



10927567



13808566

# Complementary

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



11714217



11905470

# 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.



13480898



11714217



11778768

# Square

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



11714217



10469576



12695243



13743276

# Rectangle

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



11714217



10600890



12695243



13743034



# Sweetspot

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



11714217



15988720



12498345



8027512



16579836



8224125

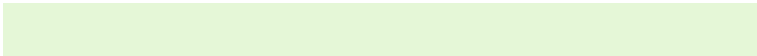


# Same Dimension

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



11714217



15071191



11124394



5856853



4496896



859904



# Inverse Universe

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



11905470



15390711



12495293



5920094



5898398

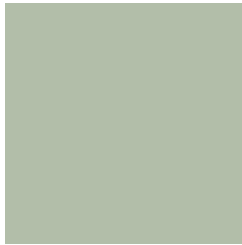


1114143



# Previews

## White Background



This preview shows how the Decimal color 11714217 looks on a white background.

## Color Contrast Check

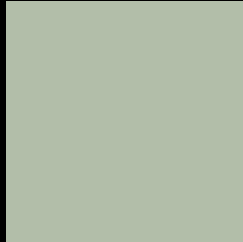
Large Text (above 18pt) WCAG AA × Fail

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 11714217 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

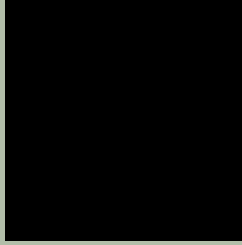
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

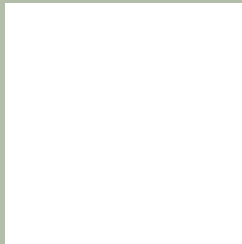
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11714217 Background



This preview shows how black text looks on a background with the Decimal color 11714217.



This preview shows how white text looks on a background with the Decimal color 11714217.

# 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](#).

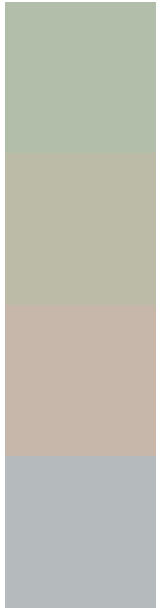
## Dichromacy





**Tritanopia**  
12040648

# Trichromacy



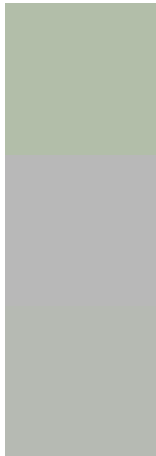
**Original Color**  
11714217

**Protanomaly**  
12368808

**Deuteranomaly**  
13023146

**Tritanomaly**  
11910077

# Monochromacy



**Original Color**  
11714217

**Achromatopsia**  
12105912

**Achromatomaly**  
11975347

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11714217 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 #B2BEA9 looks like.

```
.text, #text, p{  
    color:#B2BEA9  
}
```

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 #B2BEA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2BEA9
}
```

## Border

The CSS property to change the border of an element to Decimal 11714217 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
#B2BEA9 }
```

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

```
.border{ border-color:#B2BEA9 }
```

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

Here you see how a box with a 4 pixel #B2BEA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2BEA9; -webkit-box-shadow:4px 4px  
4px 4px #B2BEA9; box-shadow:4px 4px 4px  
4px #B2BEA9 }
```

# Background

The CSS property to change the background color of an element to Decimal 11714217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2BEA9 }
```

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

```
.background{ background-color:#B2BEA9 }
```

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