

# Converting Colors

Decimal(12167850)

Have a look what the booklet for  
Decimal(12167850) contains.

<b>Decimal(12167850)</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(12167850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9AAAA
RGB	185, 170, 170
RGB Percent	73%, 67%, 67%
CMY	0.2745, 0.3333, 0.3333
CMYK	0.00, 0.08, 0.08, 0.27
HSL	0°, 10%, 70%
HSV	0°, 8%, 73%
XYZ	41.6380, 41.9660, 43.9359
YIQ	174.4850, 8.9400, 3.1800

# Conversions

## Conversions Part 2

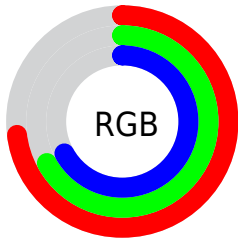
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	185, 170, 170
Decimal	12167850
CIE Lab	70.85, 5.40, 1.95
CIE LCh	71, 5.738, 19.819
Yxy	41.9660, 0.3265, 0.3290
Android (android.graphics.Color)	4290357930 (0xFFB9AAAA)
YUV	174.4850, -2.2111, 9.2217
Hunter-Lab	64.7812, 1.3635, 5.1352

# Details

The Decimal color **12167850** is a light color, and the websafe version is hex **999999**. A complement of this color would be **11188665**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **15852001**, and **8681078** is the 20% darker color. If you saturate the color by 10%, you get **12163224**, and if you desaturate by 10%, it is **12172733**.

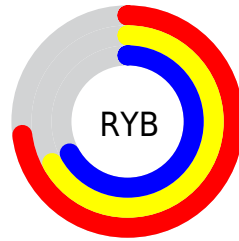
# Distribution



Red (73%)

Green (67%)

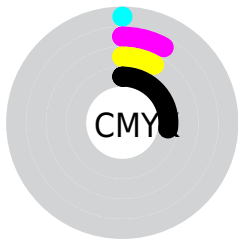
Blue (67%)



Red (73%)

Yellow (67%)

Blue (67%)

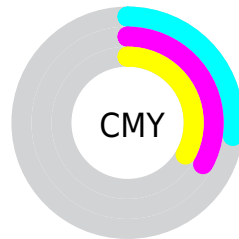


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12167850 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 12167850 by changing the saturation by 10% instead.



■ 12167850

■ 12167850

16777215

■ 10391696

■ 15852001

■ 8681078

16776958

■ 7036253

■ 5391942

■ 3878703


■ 2431771


■ 1114112

■ 0

■ 12167850

■ 12167850

 12163224


 12172733

 12158341

 12177359

 12153458

 12182242


 12148832

 12186868

 12143949

 12189695

 12139323

 12134697

 12129814

 12124931

# Harmonies

## Analogous

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



12036783



12167850



12102566

# Triad

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



12167850



11055271



10923703

# Complementary

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



12167850



11188665

# 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.



10662069



12167850



10727595

# Square

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



12167850



11447972



10596785



11316663

# Rectangle

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



12167850



11906212



10596785



10858423

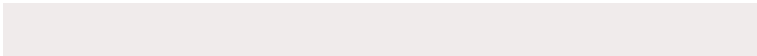


# Sweetspot

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



12167850



15789035



12167865



7894389



16250871



7895160



# Same Dimension

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



12167850



15784152



12169898



6050643



10223616



1835008



# Inverse Universe

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



11188665



14217456



11186873



5463132



40092

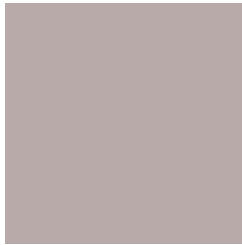


7196



# Previews

## White Background



This preview shows how the Decimal color 12167850 looks on a white background.

## Color Contrast Check

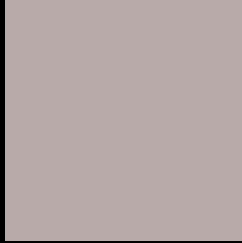
Large Text (above 18pt) WCAG AA × Fail

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 12167850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

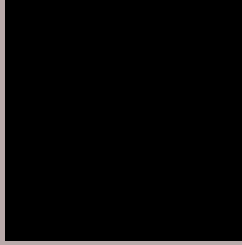
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

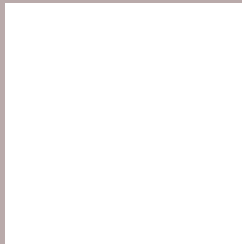
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12167850 Background



This preview shows how black text looks on a background with the Decimal color 12167850.



This preview shows how white text looks on a background with the Decimal color 12167850.

# 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**  
12167850

**Protanopia**  
11644331

**Deuteranopia**  
12560554



**Tritanopia**  
12298421

# Trichromacy



**Original Color**  
12167850

**Protanomaly**  
11840683

**Deuteranomaly**  
12429738

**Tritanomaly**  
12233137

# Monochromacy



**Original Color**  
12167850

**Achromatopsia**  
11447982

**Achromatomaly**  
11709869

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12167850 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 #B9AAAA looks like.

```
.text, #text, p{  
    color:#B9AAAA  
}
```

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 #B9AAAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9AAAA
}
```

## Border

The CSS property to change the border of an element to Decimal 12167850 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
#B9AAAA }
```

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

```
.border{ border-color:#B9AAAA }
```

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

Here you see how a box with a 4 pixel #B9AAAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9AAAA; -webkit-box-shadow:4px 4px  
4px 4px #B9AAAA; box-shadow:4px 4px 4px  
4px #B9AAAA }
```

# Background

The CSS property to change the background color of an element to Decimal 12167850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9AAAA }
```

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

```
.background{ background-color:#B9AAAA }
```

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