

# Converting Colors

Decimal(12107436)

Have a look what the booklet for  
Decimal(12107436) contains.

<b>Decimal(12107436)</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(12107436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8BEAC
RGB	184, 190, 172
RGB Percent	72%, 75%, 67%
CMY	0.2784, 0.2549, 0.3255
CMYK	0.03, 0.00, 0.09, 0.25
HSL	80°, 12%, 71%
HSV	80°, 9%, 75%
XYZ	45.6270, 49.9958, 46.2751
YIQ	186.1540, 2.2020, -6.8700

# Conversions

## Conversions Part 2

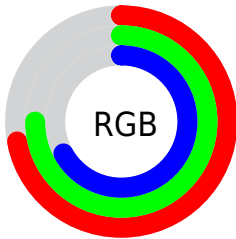
Format	Color
<a href="#">RYB</a>	<a href="#">172, 190, 178</a>
Decimal	<a href="#">12107436</a>
CIELab	<a href="#">76.07, -5.34, 8.37</a>
CIELCh	<a href="#">76, 9.925, 122.547</a>
Yxy	<a href="#">49.9958, 0.3215, 0.3523</a>
Android (android.graphics.Color)	<a href="#">4290297516</a> ( <a href="#">0xFFB8BEAC</a> )
YUV	<a href="#">186.1540, -6.9779, -1.8891</a>
Hunter-Lab	<a href="#">70.7077, -8.5542, 10.6927</a>

# Details

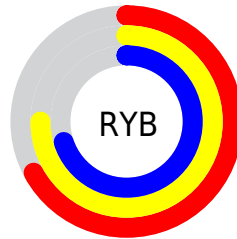
The Decimal color **12107436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **11709630**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **15791843**, and **8620408** is the 20% darker color. If you saturate the color by 10%, you get **11714201**, and if you desaturate by 10%, it is **12500671**.

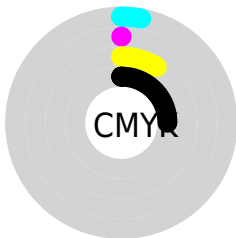
# Distribution



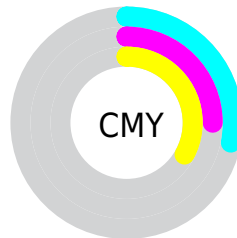
- Red (72%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12107436 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 12107436 by changing the saturation by 10% instead.



■ 12107436

■ 12107436

16777215

■ 10331025

■ 15791843

■ 8620408

■ 6975327

■ 5396295

■ 3883057

■ 2435612

■ 1119490

■ 0

■ 12107436

■ 12107436

11714201

12500671

11255430

12959442

10862195

13352677

10468960

13745912

10010189

14204671

9616954

14597887

9223719

14991103

8764948

15449855

8371713

15843071

# Harmonies

## Analogous

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



12762025



12107436



11452595

# Triad

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



12107436



11190219



13546939

# Complementary

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



12107436



11709630

# 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.



13154244



12107436



11779278

# Square

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



12107436



10863045



12499403



13612722

# Rectangle

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



12107436



11125177



12499403



13481662



# Sweetspot

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



12107436



16119792



12497580



8093048



16579836



8224125



# Same Dimension

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



12107436



15661020



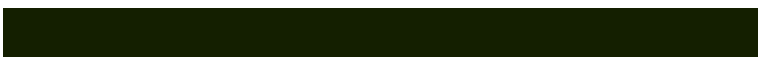
11517612



5987925



6921728



1318656



# Inverse Universe

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



11709630



15064311



12299454



5789022



3473566

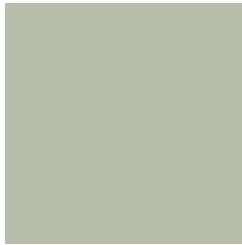


655391



# Previews

## White Background



This preview shows how the Decimal color 12107436 looks on a white background.

## Color Contrast Check

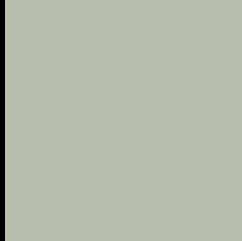
Large Text (above 18pt) WCAG AA × Fail

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 12107436 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

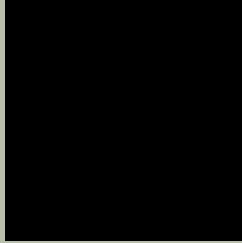
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

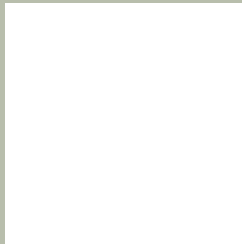
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12107436 Background



This preview shows how black text looks on a background with the Decimal color 12107436.




This preview shows how white text looks on a background with the Decimal color 12107436.

# 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](#).

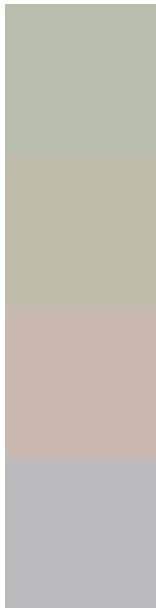
## Dichromacy





**Tritanopia**  
12368585

# Trichromacy



**Original Color**  
12107436

**Protanomaly**  
12565675

**Deuteranomaly**  
13220013

**Tritanomaly**  
12303294

# Monochromacy



**Original Color**  
12107436

**Achromatopsia**  
12237498

**Achromatomaly**  
12172213

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12107436 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 #B8BEAC looks like.

```
.text, #text, p{  
    color:#B8BEAC  
}
```

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 #B8BEAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8BEAC
}
```

## Border

The CSS property to change the border of an element to Decimal 12107436 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
#B8BEAC }
```

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

```
.border{ border-color:#B8BEAC }
```

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

Here you see how a box with a 4 pixel #B8BEAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8BEAC; -webkit-box-shadow:4px 4px  
4px 4px #B8BEAC; box-shadow:4px 4px 4px  
4px #B8BEAC }
```

# Background

The CSS property to change the background color of an element to Decimal 12107436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8BEAC }
```

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

```
.background{ background-color:#B8BEAC }
```

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