

# Converting Colors

Decimal(12498570)

Have a look what the booklet for  
Decimal(12498570) contains.

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# **Color**

**Decimal(12498570)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BEB68A</a>
RGB	<a href="#">190, 182, 138</a>
RGB Percent	<a href="#">75%, 71%, 54%</a>
CMY	<a href="#">0.2549, 0.2863, 0.4588</a>
CMYK	<a href="#">0.00, 0.04, 0.27, 0.25</a>
HSL	<a href="#">51°, 29%, 64%</a>
HSV	<a href="#">51°, 27%, 75%</a>
XYZ	<a href="#">42.5506, 46.2380, 30.7269</a>
YIQ	<a href="#">179.3760, 18.8920, -11.9880</a>

# Conversions

## Conversions Part 2

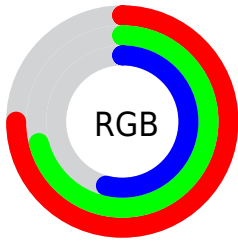
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 190, 138
Decimal	12498570
CIELab	73.70, -4.14, 23.47
CIELCh	74, 23.833, 100.008
Yxy	46.2380, 0.3560, 0.3869
Android (android.graphics.Color)	4290688650 (0xFFBEB68A)
YUV	179.3760, -20.3984, 9.3172
Hunter-Lab	67.9985, -7.2998, 20.8072

# Details

The Decimal color **12498570** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9081534**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16248512**, and **8946008** is the 20% darker color. If you saturate the color by 10%, you get **12497783**, and if you desaturate by 10%, it is **12499357**.

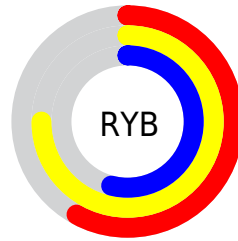
# Distribution



Red (75%)

Green (71%)

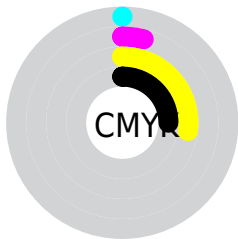
Blue (54%)



Red (58%)

Yellow (75%)

Blue (54%)

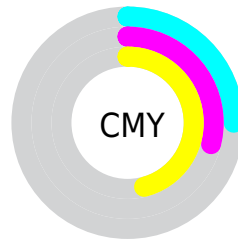


Cyan (0%)

Magenta (4%)

Yellow (27%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12498570 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 12498570 by changing the saturation by 10% instead.



 12498570

 12498570

16777215

 10722160

 16248512

 8946008

 16777180

 7235648

 16777208

 5591081

 4012308

 2630656

 659200

 0

 12498570

 12498570

12497783

12499357

12496996

12500144

12496209

12500931

12495422

12501718

12494635

12502505

12493848

12503292

12493317

12503807

12493056

12504575

12505343

# Harmonies

## Analogous

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



13873037



12498570



10861715

# Triad

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



12498570



7913680



14133189

# Complementary

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



12498570



9081534

# 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.



12758487



12498570



9026526

# Square

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



12498570



8110780



10860000



14853550

# Rectangle

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



12498570



9813919



10860000



13740491



# Sweetspot

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



12498570



16250084



12487315



8223600



16579836



8224125



# Same Dimension

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



12498570



16247718



11386506



6184277



10388992



2038272



# Inverse Universe

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



9081534



10924791



10193598



5592670



6302



1311



# Previews

## White Background



This preview shows how the Decimal color 12498570 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 12498570 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

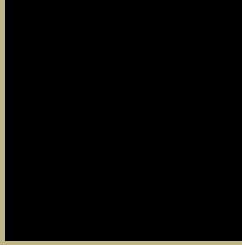
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

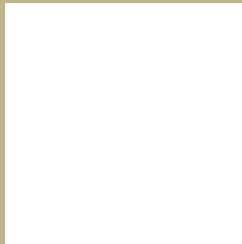
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12498570 Background



This preview shows how black text looks on a background with the Decimal color 12498570.



This preview shows how white text looks on a background with the Decimal color 12498570.

# 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**  
12498570

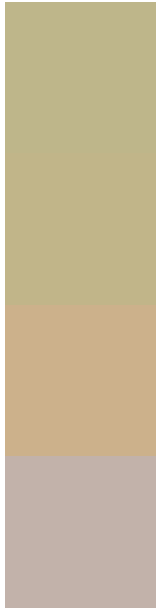
**Protanopia**  
12760457

**Deuteranopia**  
13938316



**Tritanopia**  
12890045

# Trichromacy



**Original Color**  
12498570

**Protanomaly**  
12694921

**Deuteranomaly**  
13414795

**Tritanomaly**  
12759722

# Monochromacy



**Original Color**  
12498570

**Achromatopsia**  
11776947

**Achromatomaly**  
12039332

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12498570 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 #BEB68A looks like.

```
.text, #text, p{  
    color:#BEB68A  
}
```

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 #BEB68A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEB68A
}
```

## Border

The CSS property to change the border of an element to Decimal 12498570 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
#BEB68A }
```

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

```
.border{ border-color:#BEB68A }
```

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

Here you see how a box with a 4 pixel #BEB68A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEB68A; -webkit-box-shadow:4px 4px  
4px 4px #BEB68A; box-shadow:4px 4px 4px  
4px #BEB68A }
```

# Background

The CSS property to change the background color of an element to Decimal 12498570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEB68A }
```

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

```
.background{ background-color:#BEB68A }
```

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](#).



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