

# Converting Colors

Decimal(12296348)

Have a look what the booklet for  
Decimal(12296348) contains.

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# **Color**

**Decimal(12296348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBA09C
RGB	187, 160, 156
RGB Percent	73%, 63%, 61%
CMY	0.2667, 0.3725, 0.3882
CMYK	0.00, 0.14, 0.17, 0.27
HSL	8°, 19%, 67%
HSV	8°, 17%, 73%
XYZ	39.0651, 38.1067, 36.7489
YIQ	167.6170, 17.3760, 4.4800

# Conversions

## Conversions Part 2

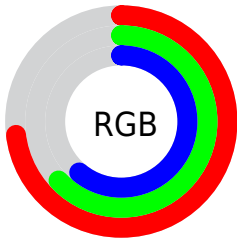
Format	Color
<a href="#">RYB</a>	<a href="#">187, 161, 156</a>
Decimal	<a href="#">12296348</a>
CIELab	<a href="#">68.10, 9.26, 5.75</a>
CIElCh	<a href="#">68, 10.896, 31.850</a>
Yxy	<a href="#">38.1067, 0.3429, 0.3345</a>
Android (android.graphics.Color)	<a href="#">4290486428</a> ( <a href="#">0xFFBBA09C</a> )
YUV	<a href="#">167.6170, -5.7272, 16.9989</a>
Hunter-Lab	<a href="#">61.7306, 4.9318, 7.9155</a>

# Details

The Decimal color **12296348** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **10270651**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **15980498**, and **8744297** is the 20% darker color. If you saturate the color by 10%, you get **12292233**, and if you desaturate by 10%, it is **12300463**.

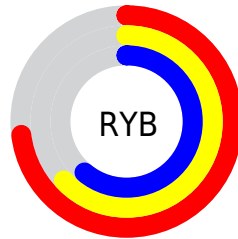
# Distribution



Red (73%)

Green (63%)

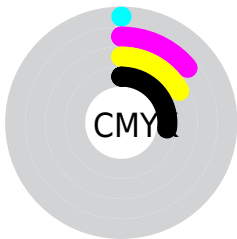
Blue (61%)



Red (73%)

Yellow (63%)

Blue (61%)

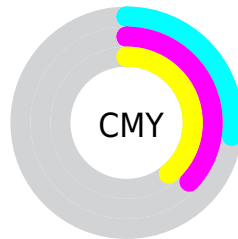


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12296348 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 12296348 by changing the saturation by 10% instead.



 12296348

 12296348

16777215

 10520194

 15980498

 8744297

 16774127

 7099473

 5455162

 3942180

 2495247

 196608

 0

 12296348

 12296348

 12292233

 12300463

 12287863

 12304833

 12283748

 12308948

 12279633

 12313063

 12275519

 12317178

 12271148

 12320767

 12267033

 12262918

 12261376

# Harmonies

## Analogous

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



12230566



12296348



11969173

# Triad

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



12296348



9939868



10266553

# Complementary

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



12296348



10270651

# 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.



9611959



12296348



9481382

# Square

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



12296348



10660245



9284528



11117495

# Rectangle

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



12296348



11642003



9284528



10070201

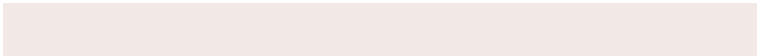


# Sweetspot

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



12296348



15919334



12295351



8025203



16448250



8026746



# Same Dimension

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



12296348



15911106



12300188



6182485



10359808



2032640



# Inverse Universe

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



10270651



12774642



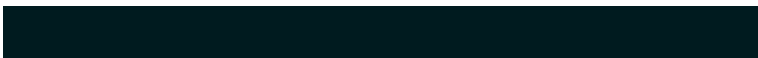
10266811



5594462



35486

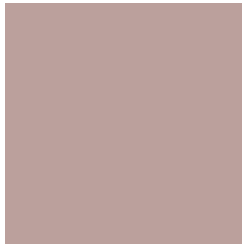


6943



# Previews

## White Background



This preview shows how the Decimal color 12296348 looks on a white background.

## Color Contrast Check

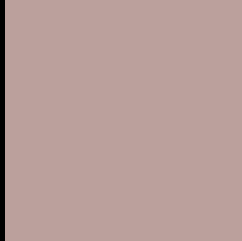
Large Text (above 18pt) WCAG AA × Fail

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 12296348 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 12296348 Background



This preview shows how black text looks on a background with the Decimal color 12296348.




This preview shows how white text looks on a background with the Decimal color 12296348.

# 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**  
12426922

# Trichromacy



**Original Color**  
12296348

**Protanomaly**  
11641758

**Deuteranomaly**  
12230812

**Tritanomaly**  
12361637

# Monochromacy



**Original Color**  
12296348

**Achromatopsia**  
11053224

**Achromatomaly**  
11511204

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12296348 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 #BBA09C looks like.

```
.text, #text, p{  
  color:#BBA09C  
}
```

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 #BBA09C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA09C
}
```

## Border

The CSS property to change the border of an element to Decimal 12296348 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
#BBA09C }
```

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

```
.border{ border-color:#BBA09C }
```

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

Here you see how a box with a 4 pixel #BBA09C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA09C; -webkit-box-shadow:4px 4px  
4px 4px #BBA09C; box-shadow:4px 4px 4px  
4px #BBA09C }
```

# Background

The CSS property to change the background color of an element to Decimal 12296348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA09C }
```

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

```
.background{ background-color:#BBA09C }
```

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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