

# Converting Colors

Decimal(12100252)

Have a look what the booklet for  
Decimal(12100252) contains.

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# **Color**

**Decimal(12100252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8A29C
RGB	184, 162, 156
RGB Percent	72%, 64%, 61%
CMY	0.2784, 0.3647, 0.3882
CMYK	0.00, 0.12, 0.15, 0.28
HSL	13°, 16%, 67%
HSV	13°, 15%, 72%
XYZ	38.6882, 38.4313, 36.8314
YIQ	167.8940, 15.0380, 2.7980

# Conversions

## Conversions Part 2

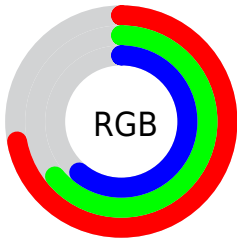
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">184, 164, 156</a>
Decimal	<a href="#">12100252</a>
CIELab	<a href="#">68.34, 7.03, 6.06</a>
CIELCh	<a href="#">68, 9.279, 40.744</a>
Yxy	<a href="#">38.4313, 0.3395, 0.3373</a>
Android (android.graphics.Color)	<a href="#">4290290332 (0xFFB8A29C)</a>
YUV	<a href="#">167.8940, -5.8637, 14.1250</a>
Hunter-Lab	<a href="#">61.9930, 2.9096, 8.1696</a>

# Details

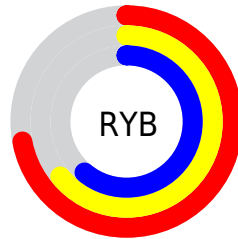
The Decimal color **12100252** is a light color, and the websafe version is hex **999999**. A complement of this color would be **10269368**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **15784402**, and **8613481** is the 20% darker color. If you saturate the color by 10%, you get **12096650**, and if you desaturate by 10%, it is **12103854**.

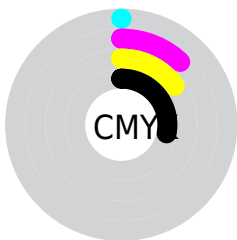
# Distribution



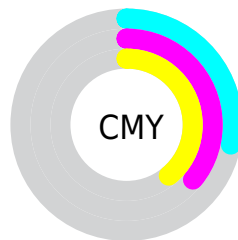
- Red (72%)
- Green (64%)
- Blue (61%)



- Red (72%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (28%)



- Cyan (28%)
- Magenta (36%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 12100252 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 12100252 by changing the saturation by 10% instead.



 12100252

 12100252

16777215

 10324098

 15784402

 8613481

 16774639


 6903377


 5324602

 3811620

 2364431

 0


 12100252

 12100252


 12096650

 12103854


 12092791

 12107713

 12089189

 12111315

 12085330

 12115174

 12081728

 12118776

 12077870

 12122623

 12074267

 12124159

 12070409

 12068608

# Harmonies

## Analogous

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



12165540



12100252



11773079

# Triad

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



12100252



10005409



10659511

# Complementary

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



12100252



10269368

# 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.



10004918



12100252



9677993

# Square

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



12100252



10594714



9677745



11314355

# Rectangle

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



12100252



11445910



9677745



10397623

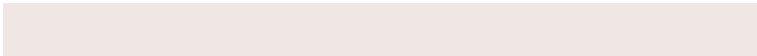


# Sweetspot

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



12100252



15787748



12098738



7893617



16250871



7895160



# Same Dimension

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



12100252



15781573



12103836



6051155



10232064



1836544



# Inverse Universe

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



10269368



12969712



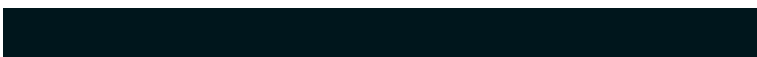
10265784



5462620



31388



5660



# Previews

## White Background



This preview shows how the Decimal color 12100252 looks on a white background.

## Color Contrast Check

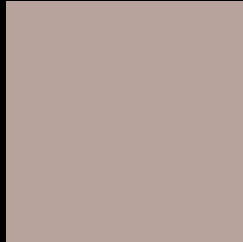
Large Text (above 18pt) WCAG AA × Fail

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 12100252 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

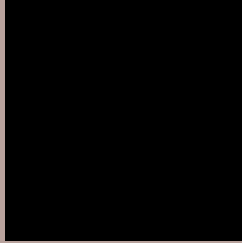
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12100252 Background



This preview shows how black text looks on a background with the Decimal color 12100252.



This preview shows how white text looks on a background with the Decimal color 12100252.

# 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

	<b>Original Color</b> <a href="#">12100252</a>
	<b>Protanopia</b> <a href="#">11314846</a>
	<b>Deuteranopia</b> <a href="#">12296604</a>



**Tritanopia**  
12230828

# Trichromacy



**Original Color**  
12100252

**Protanomaly**  
11576733

**Deuteranomaly**  
12231068

**Tritanomaly**  
12165542

# Monochromacy



**Original Color**  
12100252

**Achromatopsia**  
11053224

**Achromatomaly**  
11445924

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12100252 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 #B8A29C looks like.

```
.text, #text, p{  
    color:#B8A29C  
}
```

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 #B8A29C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8A29C
}
```

## Border

The CSS property to change the border of an element to Decimal 12100252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

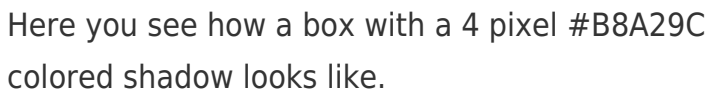
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8A29C }
```

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

```
.border{ border-color:#B8A29C }
```

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



Here you see how a box with a 4 pixel #B8A29C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8A29C; -webkit-box-shadow:4px 4px  
4px 4px #B8A29C; box-shadow:4px 4px 4px  
4px #B8A29C }
```

# Background

The CSS property to change the background color of an element to Decimal 12100252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8A29C }
```

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

```
.background{ background-color:#B8A29C }
```

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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