

# Converting Colors

Decimal(12499894)

Have a look what the booklet for  
Decimal(12499894) contains.

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# **Color**

**Decimal(12499894)**

# Conversions

## Conversions Part 1

| Format      | Color                                     |
|-------------|---|
| Hex         | <a href="#">BEBBB6</a>                    |
| RGB         | <a href="#">190, 187, 182</a>             |
| RGB Percent | <a href="#">75%, 73%, 71%</a>             |
| CMY         | <a href="#">0.2549, 0.2667, 0.2863</a>    |
| CMYK        | <a href="#">0.00, 0.02, 0.04, 0.25</a>    |
| HSL         | <a href="#">37°, 6%, 73%</a>              |
| HSV         | <a href="#">37°, 4%, 75%</a>              |
| XYZ         | <a href="#">47.4490, 49.8652, 51.3801</a> |
| YIQ         | <a href="#">187.3270, 3.3930, -0.9190</a> |

# Conversions

## Conversions Part 2

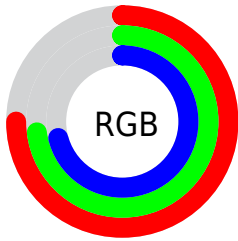
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 187, 190, 182                |
| Decimal                             | 12499894                     |
| CIELab                              | 75.99, 0.15, 2.89            |
| CIELCh                              | 76, 2.894, 87.038            |
| Yxy                                 | 49.8652, 0.3191,<br>0.3354   |
| Android<br>(android.graphics.Color) | 4290689974<br>(0xFFBEBB6)    |
| YUV                                 | 187.3270, -2.6262,<br>2.3442 |
| Hunter-Lab                          | 70.6153, -3.6360,<br>6.2910  |

# Details

The Decimal color **12499894** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **11975102**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16184302**, and **9012865** is the 20% darker color. If you saturate the color by 10%, you get **12498083**, and if you desaturate by 10%, it is **12501705**.

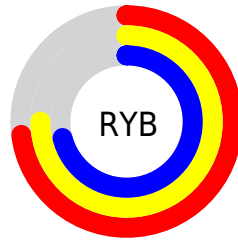
# Distribution



Red (75%)

Green (73%)

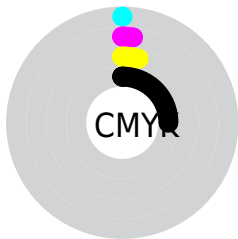
Blue (71%)



Red (73%)

Yellow (75%)

Blue (71%)

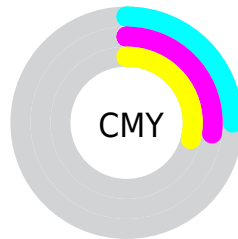


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12499894 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 12499894 by changing the saturation by 10% instead.



■ 12499894

■ 12499894

16777215

■ 10723483

■ 16184302

■ 9012865

■ 7302504

■ 5723216

■ 4209977

■ 2762788

■ 1381134

■ 0

■ 12499894

■ 12499894

 12498083

 12501705

 12496272

 12503516

 12494461

 12505327

 12492394

 12507391

 12490583

 12509183

 12488772

 12510975

 12486961

 12512767

 12485150

 12514559

 12483339

 12516351

# Harmonies

## Analogous

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



12630711



12499894



12303543

# Triad

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



12499894



11910590



12565182

# Complementary

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



12499894



11975102

# 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.



12368832



12499894



11975872

# Square

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



12499894



11976123



12106945



12696252

# Rectangle

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



12499894



12172472



12106945



12499647

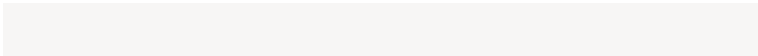


# Sweetspot

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



12499894



16250613



12498617



8223868



16579836



8224125

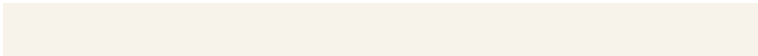


# Same Dimension

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



12499894



16249835



12435126



6184025



10380032



2036480

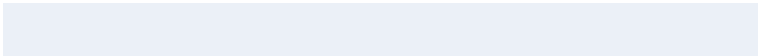


# Inverse Universe

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



11975102



15462647



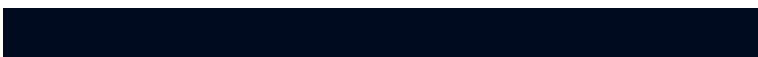
12039870



5856094



15262

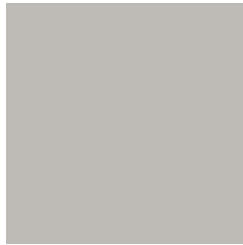


2847



# Previews

## White Background



This preview shows how the Decimal color 12499894 looks on a white background.

## Color Contrast Check

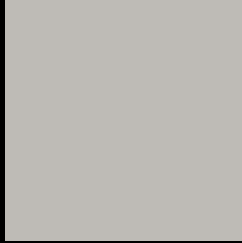
Large Text (above 18pt) WCAG AA × Fail

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 12499894 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

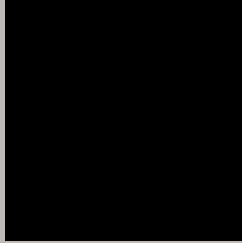
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

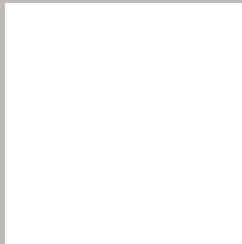
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12499894 Background



This preview shows how black text looks on a background with the Decimal color 12499894.

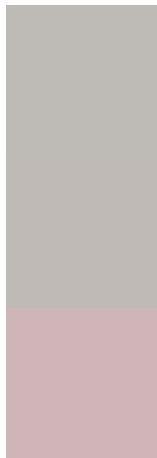


This preview shows how white text looks on a background with the Decimal color 12499894.

# 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**  
12499894

**Protanopia**  
12630710

**Deuteranopia**  
13612471



**Tritanopia**  
12695751

# Trichromacy



**Original Color**

12499894

**Protanomaly**

12565174

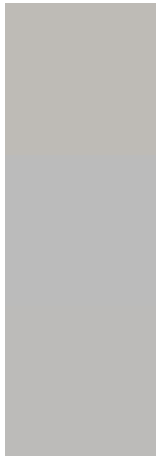
**Deuteranomaly**

13219767

**Tritanomaly**

12630465

# Monochromacy



**Original Color**

12499894

**Achromatopsia**

12303291

**Achromatomaly**

12368825

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12499894 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 #BEBBB6 looks like.

```
.text, #text, p{  
    color:#BEBBB6  
}
```

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 #BEBBB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEBBB6  
}
```

## Border

The CSS property to change the border of an element to Decimal 12499894 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  
#BEBBB6 }
```

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

```
.border{ border-color:#BEBB66 }
```

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

Here you see how a box with a 4 pixel #BEBB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEBB66; -webkit-box-shadow:4px 4px  
4px 4px #BEBB66; box-shadow:4px 4px 4px  
4px #BEBB66 }
```

# Background

The CSS property to change the background color of an element to Decimal 12499894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEBBB6 }
```

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

```
.background{ background-color:#BEBBB6 }
```

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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