

# Converting Colors

Decimal(12423297)

Have a look what the booklet for  
Decimal(12423297) contains.

<b>Decimal(12423297)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(12423297)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9081
RGB	189, 144, 129
RGB Percent	74%, 56%, 51%
CMY	0.2588, 0.4353, 0.4941
CMYK	0.00, 0.24, 0.32, 0.26
HSL	15°, 31%, 62%
HSV	15°, 32%, 74%
XYZ	34.9220, 32.3503, 25.1725
YIQ	155.7450, 31.6350, 4.8750

# Conversions

## Conversions Part 2

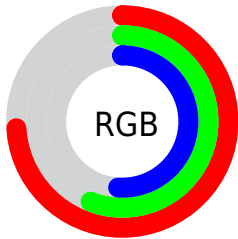
Format	Color
R <sub>Y</sub> B	189, 149, 129
Decimal	12423297
CIE Lab	63.63, 14.88, 14.55
CIE LCh	64, 20.807, 44.356
Yxy	32.3503, 0.3778, 0.3499
Android (android.graphics.Color)	4290613377 (0xFFBD9081)
YUV	155.7450, -13.1853, 29.1646
Hunter-Lab	56.8773, 10.0614, 13.5738

# Details

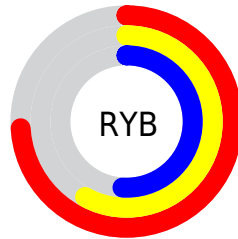
The Decimal color **12423297** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8498877**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16172726**, and **8805712** is the 20% darker color. If you saturate the color by 10%, you get **12419694**, and if you desaturate by 10%, it is **12426900**.

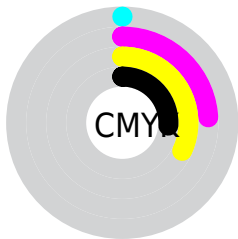
# Distribution



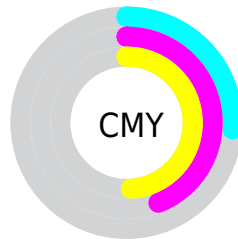
- Red (74%)
- Green (56%)
- Blue (51%)



- Red (74%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (32%)
- Black (26%)



- Cyan (26%)
- Magenta (44%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12423297 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 12423297 by changing the saturation by 10% instead.



 12423297

 12423297

16777215

 10581608

 16172726


 8805712

 16769745

 7095865

 16777198

 5451555

 3807758

 2359552

 0

 12423297

 12423297

 12419694

 12426900

 12416091

 12430503

 12412232

 12434362

 12408629

 12437965

 12405027

 12441568

 12401424

 12445170

 12398336

 12448767

 12451839

# Harmonies

## Analogous

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



12619154



12423297



11638391

# Triad

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



12423297



7775376



9476542

# Complementary

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



12423297



8498877

# 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.



7905213



12423297



6858147

# Square

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



12423297



9085311



6857651



11047605

# Rectangle

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



12423297



10852981



6857651



8952767

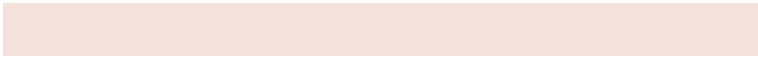


# Sweetspot

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



12423297



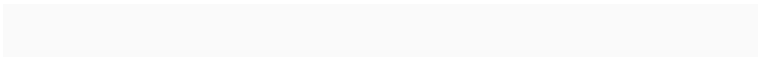
16114396



12419502



8023916



16448250



8026746



# Same Dimension

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



12423297



16101272



12430977



6182741



10364928



2033664



# Inverse Universe

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



8498877



10018549



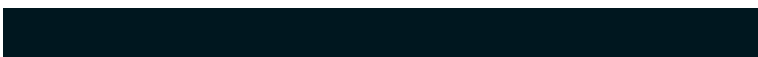
8491197



5594206



30622



5919



# Previews

## White Background



This preview shows how the Decimal color 12423297 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 12423297 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 12423297 Background



This preview shows how black text looks on a background with the Decimal color 12423297.



This preview shows how white text looks on a background with the Decimal color 12423297.

# 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**  
12423297

**Protanopia**  
10656390

**Deuteranopia**  
11703424



**Tritanopia**  
12553624

# Trichromacy



**Original Color**  
12423297

**Protanomaly**  
11310724

**Deuteranomaly**  
11965312

**Tritanomaly**  
12488336

# Monochromacy



**Original Color**  
12423297

**Achromatopsia**  
10263708

**Achromatomaly**  
11049106

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12423297 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 #BD9081 looks like.

```
.text, #text, p{  
  color:#BD9081  
}
```

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 #BD9081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9081
}
```

## Border

The CSS property to change the border of an element to Decimal 12423297 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
#BD9081 }
```

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

```
.border{ border-color:#BD9081 }
```

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

Here you see how a box with a 4 pixel #BD9081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9081; -webkit-box-shadow:4px 4px  
4px 4px #BD9081; box-shadow:4px 4px 4px  
4px #BD9081 }
```

# Background

The CSS property to change the background color of an element to Decimal 12423297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9081 }
```

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

```
.background{ background-color:#BD9081 }
```

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