

# Converting Colors

Decimal(12745883)

Have a look what the booklet for  
Decimal(12745883) contains.

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# **Color**

**Decimal(12745883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C27C9B
RGB	194, 124, 155
RGB Percent	76%, 49%, 61%
CMY	0.2392, 0.5137, 0.3922
CMYK	0.00, 0.36, 0.20, 0.24
HSL	333°, 36%, 62%
HSV	333°, 36%, 76%
XYZ	35.3722, 28.2512, 34.5991
YIQ	148.4640, 31.7690, 24.4810

# Conversions

## Conversions Part 2

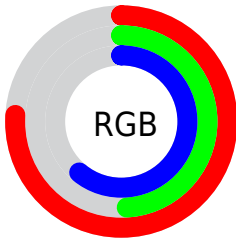
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 124, 155
Decimal	12745883
CIELab	60.12, 31.57, -5.25
CIElCh	60, 31.999, 350.564
Yxy	28.2512, 0.3601, 0.2876
Android (android.graphics.Color)	4290935963 (0xFFC27C9B)
YUV	148.4640, 3.2222, 39.9351
Hunter-Lab	53.1519, 25.7747, -1.3884

# Details

The Decimal color **12745883** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **8176291**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16560593**, and **9128552** is the 20% darker color. If you saturate the color by 10%, you get **12741008**, and if you desaturate by 10%, it is **12750758**.

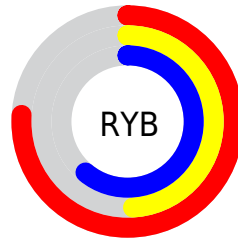
# Distribution



Red (76%)

Green (49%)

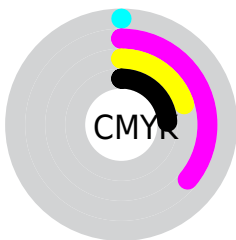
Blue (61%)



Red (76%)

Yellow (49%)

Blue (61%)

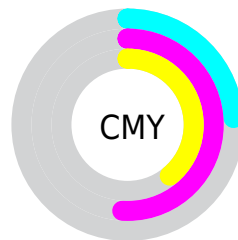


Cyan (0%)

Magenta (36%)

Yellow (20%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12745883 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 12745883 by changing the saturation by 10% instead.



 12745883

 12745883

16777215

 10904193

 16560593

 9128552

 16764398

 7352656

 16771839

 5708089

 4063267

 2752526

 0

 12745883

 12745883

 12741008

 12750758

 12735877

 12755889

 12731003

 12760763

 12725872

 12765894

 12720997

 12770769

 12716122

 12775644

 12714070

 12779495

 12779505

 12779516

# Harmonies

## Analogous

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



11305909



12745883



13139070

# Triad

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



12745883



9475419



2989500

# Complementary

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



12745883



8176291

# 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.



2728100



12745883



7380076

# Square

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



12745883



11308121



5021831



5936840

# Rectangle

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



12745883



12877934



5021831



2399925



# Sweetspot

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



12745883



16572909



10648770



8417142



0



8421504



# Same Dimension

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



12745883



16552128



12746620



6379356



10551367



2162703



# Inverse Universe

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



12745883



16552128



8175554



6379356



10551367

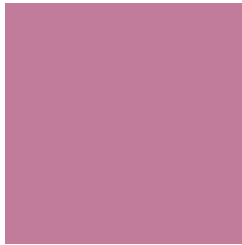


2162703



# Previews

## White Background



This preview shows how the Decimal color 12745883 looks on a white background.

## Color Contrast Check

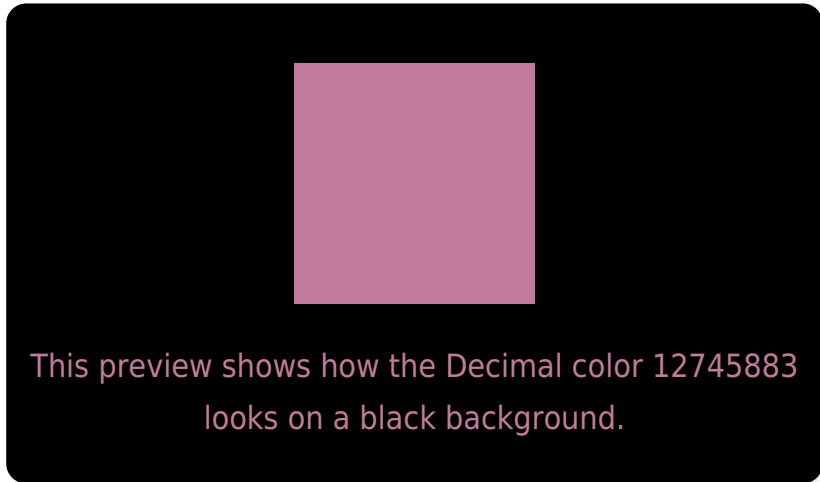
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

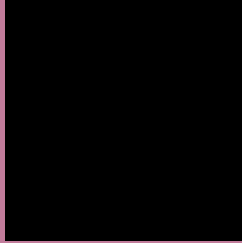
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12745883 Background



This preview shows how black text looks on a background with the Decimal color 12745883.




This preview shows how white text looks on a background with the Decimal color 12745883.

# 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**  
12615561

# Trichromacy



**Original Color**  
12745883

**Protanomaly**  
10520995

**Deuteranomaly**  
11175833

**Tritanomaly**  
12680848

# Monochromacy



**Original Color**  
12745883

**Achromatopsia**  
9737364

**Achromatomaly**  
10849175

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12745883 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 #C27C9B looks like.

```
.text, #text, p{  
    color:#C27C9B  
}
```

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 #C27C9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27C9B
}
```

## Border

The CSS property to change the border of an element to Decimal 12745883 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
#C27C9B }
```

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

```
.border{ border-color:#C27C9B }
```

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

Here you see how a box with a 4 pixel #C27C9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27C9B; -webkit-box-shadow:4px 4px  
4px 4px #C27C9B; box-shadow:4px 4px 4px  
4px #C27C9B }
```

# Background

The CSS property to change the background color of an element to Decimal 12745883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27C9B }
```

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

```
.background{ background-color:#C27C9B }
```

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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