

# Converting Colors

Decimal(12557495)

Have a look what the booklet for  
Decimal(12557495) contains.

<b>Decimal(12557495)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12557495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF9CB7
RGB	191, 156, 183
RGB Percent	75%, 61%, 72%
CMY	0.2510, 0.3882, 0.2824
CMYK	0.00, 0.18, 0.04, 0.25
HSL	314°, 21%, 68%
HSV	314°, 18%, 75%
XYZ	41.9216, 38.2722, 49.9775
YIQ	169.5430, 12.1930, 15.8170

# Conversions

## Conversions Part 2

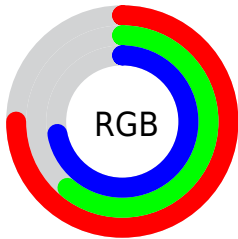
Format	Color
<a href="#">RYB</a>	<a href="#">191, 156, 183</a>
Decimal	<a href="#">12557495</a>
CIELab	<a href="#">68.22, 17.58, -9.07</a>
CIElCh	<a href="#">68, 19.782, 332.713</a>
Yxy	<a href="#">38.2722, 0.3220, 0.2940</a>
Android (android.graphics.Color)	<a href="#">4290747575 (0xFFBF9CB7)</a>
YUV	<a href="#">169.5430, 6.6343, 18.8178</a>
Hunter-Lab	<a href="#">61.8645, 12.6949, -4.5925</a>

# Details

The Decimal color **12557495** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10272676**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16307183**, and **9005442** is the 20% darker color. If you saturate the color by 10%, you get **12552627**, and if you desaturate by 10%, it is **12562363**.

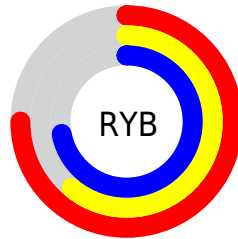
# Distribution



Red (75%)

Green (61%)

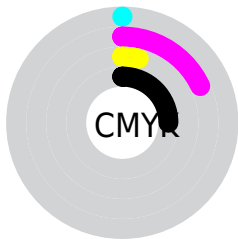
Blue (72%)



Red (75%)

Yellow (61%)

Blue (72%)

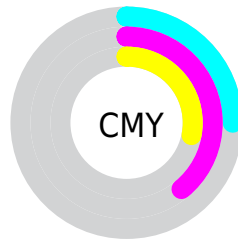


Cyan (0%)

Magenta (18%)

Yellow (4%)

Black (25%)



Cyan (25%)

Magenta (39%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12557495 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 12557495 by changing the saturation by 10% instead.



 12557495

 12557495

16777215

 10781340

 16307183

 9005442


 16773119

 7360617

 5716305

 4137786

 2690596

 1114126

 0

 12557495

 12557495

 12552627

 12562363

 12547758

 12567232

 12542890

 12572100

 12538022

 12576968

 12533153

 12581837

 12528029

 12582865

 12523160

 12582870

 12518292

 12582874

 12517523

 12582878

# Harmonies

## Analogous

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



11313604



12557495



13277861

# Triad

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



12557495



11708035



7712953

# Complementary

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



12557495



10272676

# 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.



8106407



12557495



10464136

# Square

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



12557495



12755079



9154453



8367557

# Rectangle

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



12557495



13408921



9154453



7712947



# Sweetspot

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



12557495



16247797



10788031



8222075



16579836



8224125



# Same Dimension

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



12557495



16237035



12557478



6182236



10354810



2031640



# Inverse Universe

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



12557495



16237035



10272693



6182236



10354810

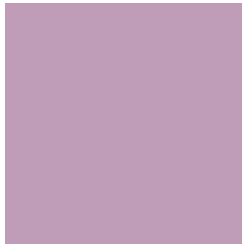


2031640



# Previews

## White Background



This preview shows how the Decimal color 12557495 looks on a white background.

## Color Contrast Check

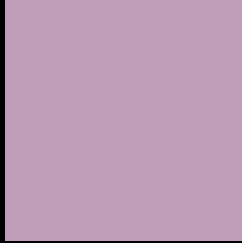
Large Text (above 18pt) WCAG AA × Fail

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 12557495 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

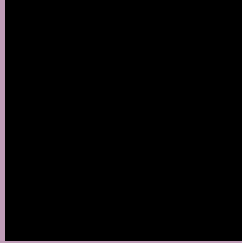
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12557495 Background



This preview shows how black text looks on a background with the Decimal color 12557495.




This preview shows how white text looks on a background with the Decimal color 12557495.

# 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**  
12557495

**Protanomaly**  
11379387

**Deuteranomaly**  
11903158

**Tritanomaly**  
12492207

# Monochromacy



**Original Color**  
12557495

**Achromatopsia**  
11184810

**Achromatomaly**  
11707823

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12557495 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 #BF9CB7 looks like.

```
.text, #text, p{  
  color:#BF9CB7  
}
```

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 #BF9CB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF9CB7
}
```

## Border

The CSS property to change the border of an element to Decimal 12557495 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
#BF9CB7 }
```

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

```
.border{ border-color:#BF9CB7 }
```

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

Here you see how a box with a 4 pixel #BF9CB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF9CB7; -webkit-box-shadow:4px 4px  
4px 4px #BF9CB7; box-shadow:4px 4px 4px  
4px #BF9CB7 }
```

# Background

The CSS property to change the background color of an element to Decimal 12557495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF9CB7 }
```

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

```
.background{ background-color:#BF9CB7 }
```

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