

# Converting Colors

Decimal(12494803)

Have a look what the booklet for  
Decimal(12494803) contains.

<b>Decimal(12494803)</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(12494803)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEA7D3
RGB	190, 167, 211
RGB Percent	75%, 65%, 83%
CMY	0.2549, 0.3451, 0.1725
CMYK	0.10, 0.21, 0.00, 0.17
HSL	271°, 33%, 74%
HSV	271°, 21%, 83%
XYZ	46.8118, 43.2877, 67.5161
YIQ	178.8930, -0.4160, 18.5600

# Conversions

## Conversions Part 2

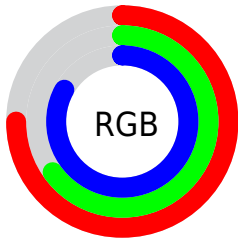
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 167, 211
Decimal	12494803
CIELab	71.75, 16.63, -19.25
CIELCh	72, 25.440, 310.812
Yxy	43.2877, 0.2970, 0.2746
Android (android.graphics.Color)	4290684883 (0xFFBEA7D3)
YUV	178.8930, 15.8288, 9.7408
Hunter-Lab	65.7934, 11.8637, -14.7871

# Details

The Decimal color **12494803** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12374951**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16244479**, and **8942492** is the 20% darker color. If you saturate the color by 10%, you get **11834067**, and if you desaturate by 10%, it is **13155539**.

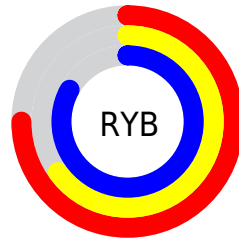
# Distribution



Red (75%)

Green (65%)

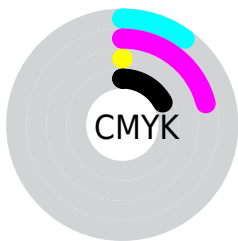
Blue (83%)



Red (75%)

Yellow (65%)

Blue (83%)

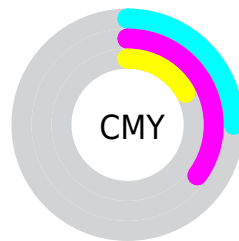


Cyan (10%)

Magenta (21%)

Yellow (0%)

Black (17%)



Cyan (25%)

Magenta (35%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12494803 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 12494803 by changing the saturation by 10% instead.



 12494803

 12494803

16777215

 10718647

 16244479

 8942492

 16776191

 7297666

 5653353

 4074577

 2627386

 1376292

 12


 0

 12494803

 12494803

 11834067

 13155539

 11173331

 13816275

 10512595

 14477011

 9851859

 15137747

 9191123

 15794131

 8530131

 16449491

 7869395

 16777171

 7209171

# Harmonies

## Analogous

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



10465245



12494803



14000576

# Triad

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



12494803



13543813



7388600

# Complementary

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



12494803



12374951

# 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.



8699040



12494803



12104066

# Square

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



12494803



14459539



10401932



7191501

# Rectangle

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



12494803



14524336



10401932



7781808



# Sweetspot

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



12494803



16314623



10992851



8091520



0



8421504



# Same Dimension

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



12494803



14794751



13871058



6577769



5767336



1376297



# Inverse Universe

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



13871036



16760798



10998696



6905443



11010128



2686995



# Previews

## White Background



This preview shows how the Decimal color 12494803 looks on a white background.

## Color Contrast Check

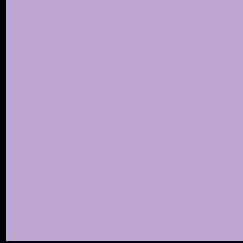
Large Text (above 18pt) WCAG AA × Fail

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 12494803 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

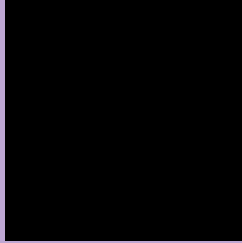
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12494803 Background



This preview shows how black text looks on a background with the Decimal color 12494803.



This preview shows how white text looks on a background with the Decimal color 12494803.

# 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**  
12494803

**Protanopia**  
10923736

**Deuteranopia**  
11578578



**Tritanopia**  
12233913

# Trichromacy



**Original Color**  
12494803

**Protanomaly**  
11512790

**Deuteranomaly**  
11905746

**Tritanomaly**  
12298946

# Monochromacy



**Original Color**  
12494803

**Achromatopsia**  
11776947

**Achromatomaly**  
12038079

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12494803 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 #BEA7D3 looks like.

```
.text, #text, p{  
  color:#BEA7D3  
}
```

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 #BEA7D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA7D3
}
```

## Border

The CSS property to change the border of an element to Decimal 12494803 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
#BEA7D3 }
```

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

```
.border{ border-color:#BEA7D3 }
```

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

Here you see how a box with a 4 pixel #BEA7D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA7D3; -webkit-box-shadow:4px 4px  
4px 4px #BEA7D3; box-shadow:4px 4px 4px  
4px #BEA7D3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12494803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA7D3 }
```

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

```
.background{ background-color:#BEA7D3 }
```

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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