

# Converting Colors

Decimal(12550321)

Have a look what the booklet for  
Decimal(12550321) contains.

<b>Decimal(12550321)</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(12550321)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF80B1
RGB	191, 128, 177
RGB Percent	75%, 50%, 69%
CMY	0.2510, 0.4980, 0.3059
CMYK	0.00, 0.33, 0.07, 0.25
HSL	313°, 33%, 63%
HSV	313°, 33%, 75%
XYZ	37.1408, 29.6890, 45.3680
YIQ	152.4230, 21.8190, 28.5950

# Conversions

## Conversions Part 2

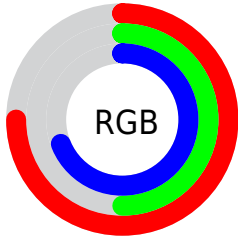
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 128, 177
Decimal	12550321
CIE <sub>Lab</sub>	61.38, 31.99, -15.96
CIE <sub>LCh</sub>	61, 35.749, 333.488
Yxy	29.6890, 0.3310, 0.2646
Android (android.graphics.Color)	4290740401 (0xFFBF80B1)
YUV	152.4230, 12.1165, 33.8320
Hunter-Lab	54.4876, 26.3190, -11.2252

# Details

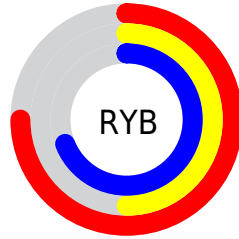
The Decimal color **12550321** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8437646**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16299753**, and **8932732** is the 20% darker color. If you saturate the color by 10%, you get **12545453**, and if you desaturate by 10%, it is **12555189**.

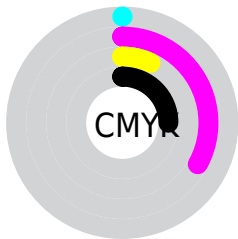
# Distribution



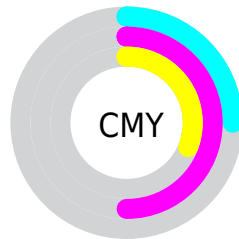
- Red (75%)
- Green (50%)
- Blue (69%)



- Red (75%)
- Yellow (50%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (7%)
- Black (25%)



- Cyan (25%)
- Magenta (50%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12550321 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 12550321 by changing the saturation by 10% instead.



 12550321

 12550321

16777215

 10708630

 16299753

 8932732

 16765695

 7222627

 16772863

 5578315

 3933237

 2621472

 3

 0

 12550321

 12550321

 12545453

 12555189

 12540585

 12560057

 12535716

 12564926

 12530848

 12569794

 12525980

 12574918

 12520856

 12579786

 12517525

 12582863

 12582867

 12582871

# Harmonies

## Analogous

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



10324937



12550321



13663122

# Triad

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



12550321



10851412



42166

# Complementary

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



12550321



8437646

# 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.



2925975



12550321



8691038

# Square

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



12550321



12618076



6136695



2990028

# Rectangle

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



12550321



13729149



6136695



42412



# Sweetspot

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



12550321



16244722



9339071



8220282



16579836



8224125



# Same Dimension

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



12550321



16225505



12550290



6182236



10354811



2031640



# Inverse Universe

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



12550321



16225505



8437677



6182236



10354811

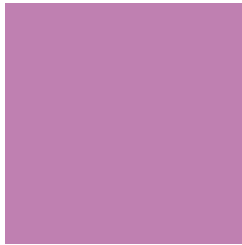


2031640



# Previews

## White Background



This preview shows how the Decimal color 12550321 looks on a white background.

## Color Contrast Check

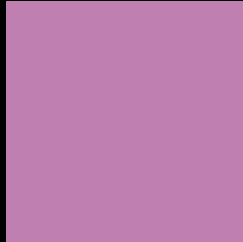
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12550321 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

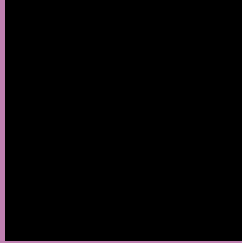
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12550321 Background



This preview shows how black text looks on a background with the Decimal color 12550321.




This preview shows how white text looks on a background with the Decimal color 12550321.

# 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**  
12289680

# Trichromacy



**Original Color**  
12550321



**Protanomaly**  
10325177



**Deuteranomaly**  
10914735



**Tritanomaly**  
12354716

# Monochromacy



**Original Color**  
12550321



**Achromatopsia**  
10000536



**Achromatomaly**  
10915745

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12550321 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 #BF80B1 looks like.

```
.text, #text, p{  
  color:#BF80B1  
}
```

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 #BF80B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF80B1
}
```

## Border

The CSS property to change the border of an element to Decimal 12550321 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
#BF80B1 }
```

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

```
.border{ border-color:#BF80B1 }
```

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

Here you see how a box with a 4 pixel #BF80B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF80B1; -webkit-box-shadow:4px 4px  
4px 4px #BF80B1; box-shadow:4px 4px 4px  
4px #BF80B1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12550321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF80B1 }
```

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

```
.background{ background-color:#BF80B1 }
```

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