

# Converting Colors

Decimal(12351676)

Have a look what the booklet for  
Decimal(12351676) contains.

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# **Color**

**Decimal(12351676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC78BC
RGB	188, 120, 188
RGB Percent	74%, 47%, 74%
CMY	0.2627, 0.5294, 0.2627
CMYK	0.00, 0.36, 0.00, 0.26
HSL	300°, 34%, 60%
HSV	300°, 36%, 74%
XYZ	36.5326, 27.7551, 51.0088
YIQ	148.0840, 18.7000, 35.5640

# Conversions

## Conversions Part 2

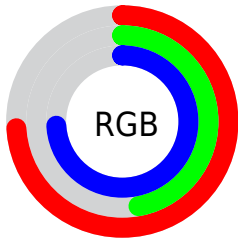
Format	Color
<a href="#">RYB</a>	<a href="#">188, 120, 188</a>
Decimal	<a href="#">12351676</a>
CIELab	<a href="#">59.67, 37.39, -24.87</a>
CIELCh	<a href="#">60, 44.905, 326.368</a>
Yxy	<a href="#">27.7551, 0.3169, 0.2407</a>
Android (android.graphics.Color)	<a href="#">4290541756 (0xFFBC78BC)</a>
YUV	<a href="#">148.0840, 19.6786, 35.0063</a>
Hunter-Lab	<a href="#">52.6832, 31.5835, -20.5274</a>

# Details

The Decimal color **12351676** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7912568**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16101108**, and **8734087** is the 20% darker color. If you saturate the color by 10%, you get **12346812**, and if you desaturate by 10%, it is **12356540**.

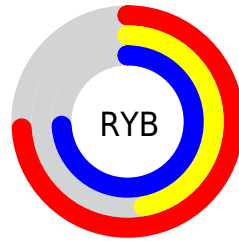
# Distribution



Red (74%)

Green (47%)

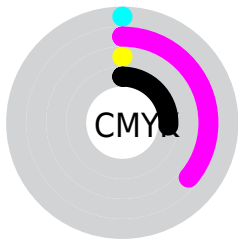
Blue (74%)



Red (74%)

Yellow (47%)

Blue (74%)

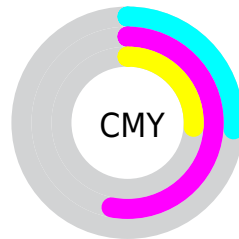


Cyan (0%)

Magenta (36%)

Yellow (0%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12351676 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 12351676 by changing the saturation by 10% instead.



 12351676

 12351676

16777215

 10509985

 16101108

 8734087

 16763391

 7023981

 16770815

 5378900

 3735613

 2490407

 272

 0

 12351676

 12351676

 12346812

 12356540

 12341948

 12361404

 12337340

 12366012

 12332476

 12370876

 12327612

 12375740

 12322748

 12380604

 12320956

 12385468

 12386236

# Harmonies

## Analogous

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



9144279



12351676



14053270

# Triad

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



12351676



11242558



41906

# Complementary

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



12351676



7912568

# 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.



41865



12351676



8689734

# Square

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



12351676



13204815



5480546



40913

# Rectangle

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



12351676



14315388



5480546



42149



# Sweetspot

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



12351676



16112373



7895228



8022650



16448250



8026746



# Same Dimension

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



12351676



16092405



12351642



6182238



10354846



2031647



# Inverse Universe

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



12351676



16092405



7912602



6182238



10354846

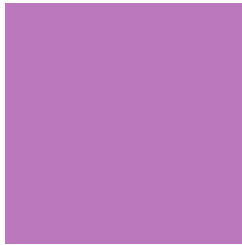


2031647



# Previews

## White Background



This preview shows how the Decimal color 12351676 looks on a white background.

## Color Contrast Check

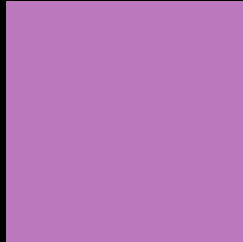
Large Text (above 18pt) WCAG AA ✓ Pass

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 12351676 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

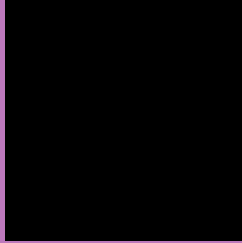
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12351676 Background



This preview shows how black text looks on a background with the Decimal color 12351676.

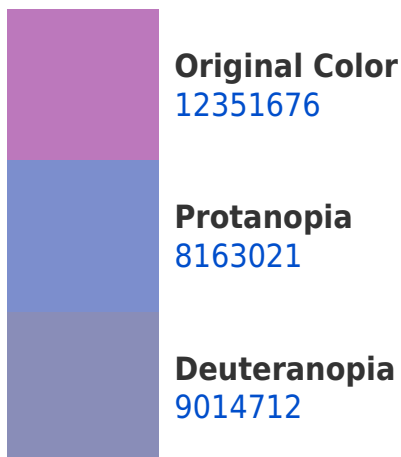


This preview shows how white text looks on a background with the Decimal color 12351676.

# 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**  
11960972

# Trichromacy



**Original Color**  
12351676



**Protanomaly**  
9668295



**Deuteranomaly**  
10257849

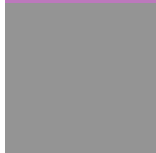


**Tritanomaly**  
12091037

# Monochromacy



**Original Color**  
12351676



**Achromatopsia**  
9737364



**Achromatomaly**  
10717859

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12351676 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 #BC78BC looks like.

```
.text, #text, p{  
  color:#BC78BC  
}
```

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 #BC78BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC78BC
}
```

## Border

The CSS property to change the border of an element to Decimal 12351676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

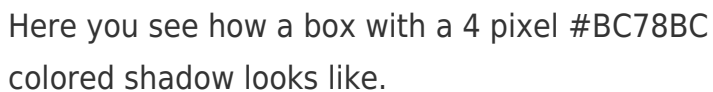
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC78BC }
```

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

```
.border{ border-color:#BC78BC }
```

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



Here you see how a box with a 4 pixel `#BC78BC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC78BC; -webkit-box-shadow:4px 4px  
4px 4px #BC78BC; box-shadow:4px 4px 4px  
4px #BC78BC }
```

# Background

The CSS property to change the background color of an element to Decimal 12351676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC78BC }
```

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

```
.background{ background-color:#BC78BC }
```

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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