

# Converting Colors

Decimal(12356050)

Have a look what the booklet for  
Decimal(12356050) contains.

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# **Color**

**Decimal(12356050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC89D2
RGB	188, 137, 210
RGB Percent	74%, 54%, 82%
CMY	0.2627, 0.4627, 0.1765
CMYK	0.10, 0.35, 0.00, 0.18
HSL	282°, 45%, 68%
HSV	282°, 35%, 82%
XYZ	41.3176, 33.2358, 65.2103
YIQ	160.5710, 6.9630, 33.5150

# Conversions

## Conversions Part 2

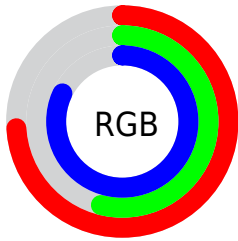
Format	Color
<a href="#">RYB</a>	<a href="#">188, 137, 210</a>
Decimal	<a href="#">12356050</a>
CIELab	<a href="#">64.35, 32.42, -30.05</a>
CIELCh	<a href="#">64, 44.204, 317.177</a>
Yxy	<a href="#">33.2358, 0.2956, 0.2378</a>
Android (android.graphics.Color)	<a href="#">4290546130 (0xFFBC89D2)</a>
YUV	<a href="#">160.5710, 24.3685, 24.0552</a>
Hunter-Lab	<a href="#">57.6505, 27.0408, -26.7093</a>

# Details

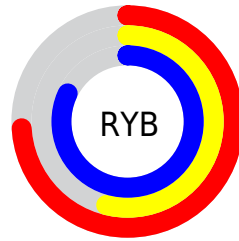
The Decimal color **12356050** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10474121**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16105471**, and **8803995** is the 20% darker color. If you saturate the color by 10%, you get **11957458**, and if you desaturate by 10%, it is **12754642**.

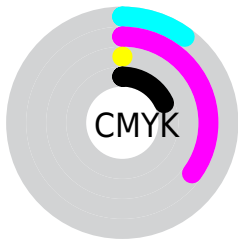
# Distribution



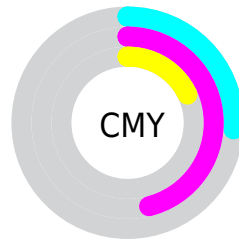
- Red (74%)
- Green (54%)
- Blue (82%)



- Red (74%)
- Yellow (54%)
- Blue (82%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (46%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12356050 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 12356050 by changing the saturation by 10% instead.



12356050

12356050

16777215

10514358

16105471

8803995

16767999

7028353

16775423

5383784

3805007

2293816

34

7

0

12356050

12356050

11957458

12754642

11493330

13218770

11094738

13617362

10696146

14015954

10232018

14480082

9833426

14876626

9634002

15269842

15728594

16121810

# Harmonies

## Analogous

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



8689895



12356050



14515631

# Triad

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



12356050



12817486



45234

# Complementary

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



12356050



10474121

# 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.



3321737



12356050



10395982

# Square

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



12356050



14517860



7449189



44501

# Rectangle

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



12356050



15104916



7449189



45221



# Sweetspot

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



12356050



16246527



9019602



8089728



0



8421504



# Same Dimension

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



12356050



14652671



13797829



6643305



7733416



1900585



# Inverse Universe

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



13797791



16749748



9032342



6905441



11010099

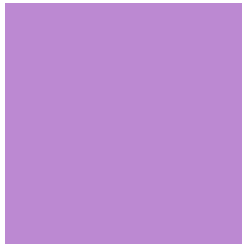


2686988



# Previews

## White Background



This preview shows how the Decimal color 12356050 looks on a white background.

## Color Contrast Check

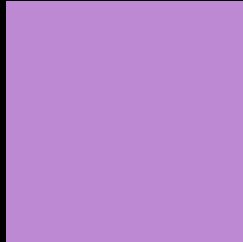
Large Text (above 18pt) WCAG AA × Fail

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 12356050 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

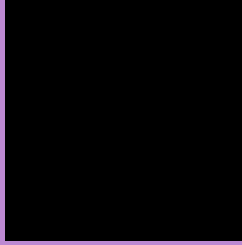
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12356050 Background



This preview shows how black text looks on a background with the Decimal color 12356050.




This preview shows how white text looks on a background with the Decimal color 12356050.

# 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**  
11834271

# Trichromacy



**Original Color**

12356050



**Protanomaly**

10130650



**Deuteranomaly**

10523856



**Tritanomaly**

12029874

# Monochromacy



**Original Color**

12356050



**Achromatopsia**

10592673



**Achromatomaly**

11245747

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12356050 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 #BC89D2 looks like.

```
.text, #text, p{  
  color:#BC89D2  
}
```

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 #BC89D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC89D2
}
```

## Border

The CSS property to change the border of an element to Decimal 12356050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

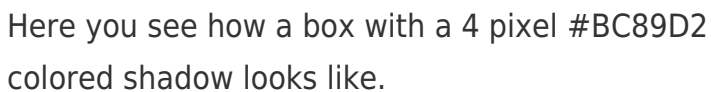
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC89D2 }
```

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

```
.border{ border-color:#BC89D2 }
```

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



Here you see how a box with a 4 pixel `#BC89D2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC89D2; -webkit-box-shadow:4px 4px  
4px 4px #BC89D2; box-shadow:4px 4px 4px  
4px #BC89D2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12356050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC89D2 }
```

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

```
.background{ background-color:#BC89D2 }
```

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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