

# Converting Colors

Decimal(12074945)

Have a look what the booklet for  
Decimal(12074945) contains.

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**Color**

**Decimal(12074945)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B83FC1</a>
RGB	<a href="#">184, 63, 193</a>
RGB Percent	<a href="#">72%, 25%, 76%</a>
CMY	<a href="#">0.2784, 0.7529, 0.2431</a>
CMYK	<a href="#">0.05, 0.67, 0.00, 0.24</a>
HSL	<a href="#">296°, 51%, 50%</a>
HSV	<a href="#">296°, 67%, 76%</a>
XYZ	<a href="#">31.1703, 17.5956, 52.2055</a>
YIQ	<a href="#">113.9990, 30.3860, 66.0820</a>

# Conversions

## Conversions Part 2

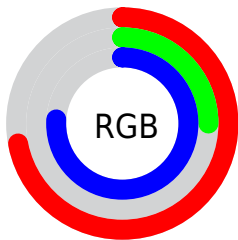
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 63, 193
Decimal	12074945
CIE <sub>Lab</sub>	49.00, 64.62, -44.46
CIE <sub>LCh</sub>	49, 78.442, 325.470
Yxy	17.5956, 0.3087, 0.1743
Android (android.graphics.Color)	4290265025 (0xFFB83FC1)
YUV	113.9990, 38.9475, 61.3909
Hunter-Lab	41.9471, 59.2333, -44.4267

# Details

The Decimal color **12074945** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **4768063**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **15956218**, and **8323211** is the 20% darker color. If you saturate the color by 10%, you get **12004545**, and if you desaturate by 10%, it is **12145345**.

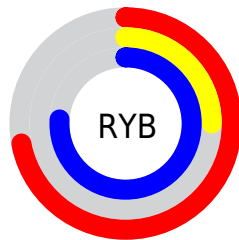
# Distribution



Red (72%)

Green (25%)

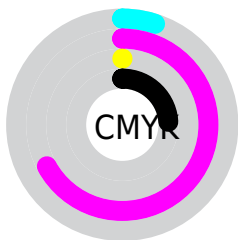
Blue (76%)



Red (72%)

Yellow (25%)

Blue (76%)

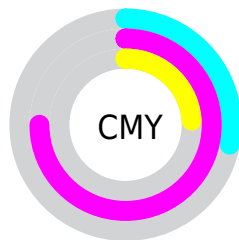


Cyan (5%)

Magenta (67%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (75%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12074945 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 12074945 by changing the saturation by 10% instead.



 12074945

 12074945

16777215

 10165925

 15956218

 8323211

 16749823

 6553713

 16756991

 4718680

 16764415

 3145792

 16772095

 720937

 274

 0

 12074945

 12074945

12004545

12145345

11868353

12281537

11797953

12351937

11796673

12422337

12558529

12628929

12699329

12835265

12905921

# Harmonies

## Analogous

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



5138414



12074945



14745986

# Triad

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



12074945



9858560



37036

# Complementary

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



12074945



4768063

# 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.



36712



12074945



5669120

# Square

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



12074945



12996352



35614



36322

# Rectangle

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



12074945



15075414



35614



37014



# Sweetspot

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



12074945



16173306



4147905



8085373



16579836



8224125



# Same Dimension

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



12074945



15478778



12664715



6313825



9830561



2031649



# Inverse Universe

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



12664648



16396093



4178293



6379352



10551307



2162690



# Previews

## White Background



This preview shows how the Decimal color 12074945 looks on a white background.

## Color Contrast Check

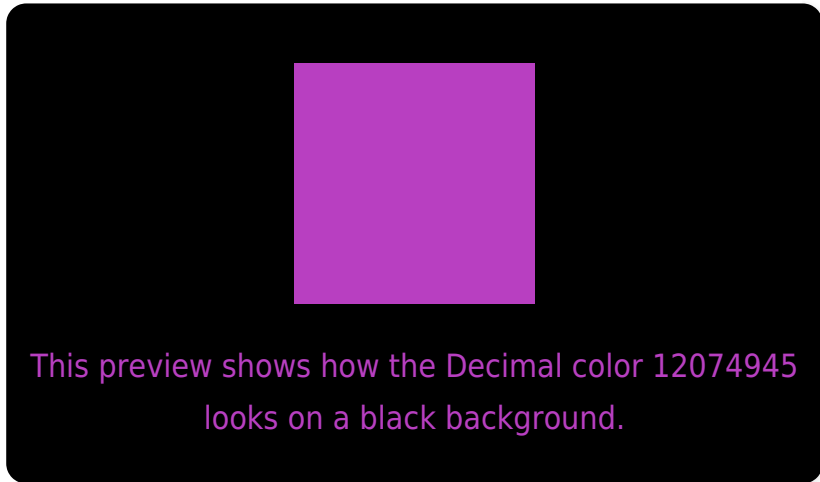
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

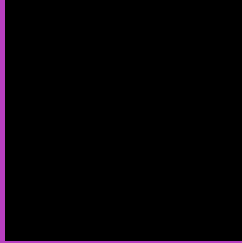
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12074945 Background



This preview shows how black text looks on a background with the Decimal color 12074945.

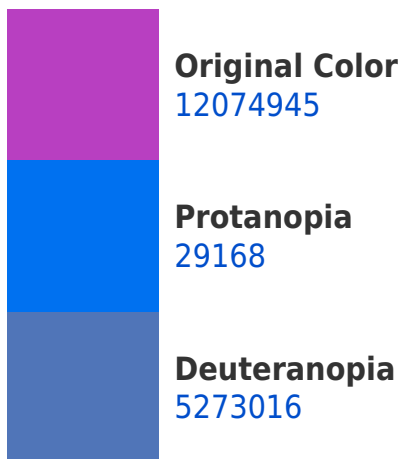



This preview shows how white text looks on a background with the Decimal color 12074945.

# 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**  
11361636

# Trichromacy



**Original Color**  
12074945



**Protanomaly**  
4415455



**Deuteranomaly**  
7758267



**Tritanomaly**  
11620998

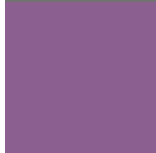
# Monochromacy



**Original Color**  
12074945



**Achromatopsia**  
7500402



**Achromatomaly**  
9133967

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12074945 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 #B83FC1 looks like.

```
.text, #text, p{  
  color:#B83FC1  
}
```

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 #B83FC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B83FC1
}
```

## Border

The CSS property to change the border of an element to Decimal 12074945 is called "border". The border property can be set on classes, ids or directly on the HTML element.

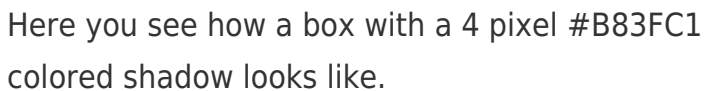
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B83FC1 }
```

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

```
.border{ border-color:#B83FC1 }
```

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



Here you see how a box with a 4 pixel #B83FC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B83FC1; -webkit-box-shadow:4px 4px  
4px 4px #B83FC1; box-shadow:4px 4px 4px  
4px #B83FC1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12074945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B83FC1 }
```

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

```
.background{ background-color:#B83FC1 }
```

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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