

# Converting Colors

Decimal(12845201)

Have a look what the booklet for  
Decimal(12845201) contains.

<b>Decimal(12845201)</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(12845201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C40091
RGB	196, 0, 145
RGB Percent	77%, 0%, 57%
CMY	0.2314, 1.0000, 0.4314
CMYK	0.00, 1.00, 0.26, 0.23
HSL	316°, 100%, 38%
HSV	316°, 100%, 77%
XYZ	27.8758, 13.7801, 27.9787
YIQ	75.1340, 70.2710, 86.6470

# Conversions

## Conversions Part 2

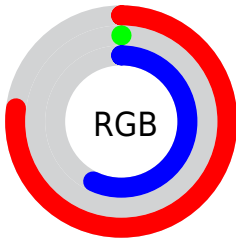
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 0, 145
Decimal	12845201
CIELab	43.92, 73.94, -23.85
CIELCh	44, 77.692, 342.125
Yxy	13.7801, 0.4003, 0.1979
Android (android.graphics.Color)	4291035281 (0xFFC40091)
YUV	75.1340, 34.4439, 105.9995
Hunter-Lab	37.1216, 69.0788, -18.7020

# Details

The Decimal color **12845201** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **50227**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **16734407**, and **8978526** is the 20% darker color. If you saturate the color by 10%, you get **12845201**, and if you desaturate by 10%, it is **12850326**.

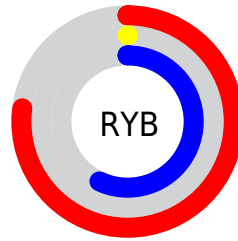
# Distribution



Red (77%)

Green (0%)

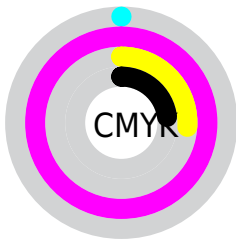
Blue (57%)



Red (77%)

Yellow (0%)

Blue (57%)

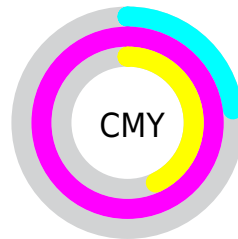


Cyan (0%)

Magenta (100%)

Yellow (26%)

Black (23%)



Cyan (23%)

Magenta (100%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12845201 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 12845201 by changing the saturation by 10% instead.



 12845201

 12845201

16777215

 10879095

 16734407

 8978526

 16742115

 7077958

 16749823

 5242928

 16757247

 3407898

 16764927

 786432

 16772607

 0

 12845201

 12850326

 12855195

 12860320

 12865189

 12870315

 12875440

 12880309

 12885434

 12890303

# Harmonies

## Analogous

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



8865481



12845201



13959249

# Triad

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



12845201



6843648



33214

# Complementary

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



12845201



50227

# 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.



33409



12845201



31232

# Square

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



12845201



10376704



32829



31460

# Rectangle

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



12845201



13441063



32829



33452



# Sweetspot

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



12845201



16757739



3211460



8409716



0



8421504



# Same Dimension

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



12845201



16711869



12845105



6379358



10551415



2162713



# Inverse Universe

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



12845201



16711869



50323



6379358



10551415



2162713



# Previews

## White Background



This preview shows how the Decimal color 12845201 looks on a white background.

## Color Contrast Check

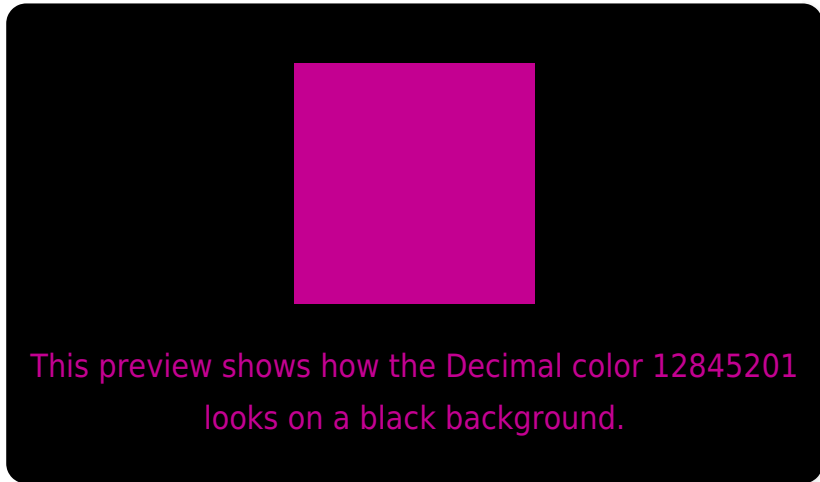
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

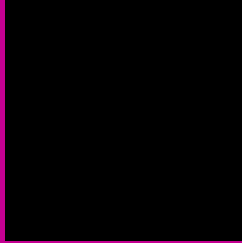
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12845201 Background



This preview shows how black text looks on a background with the Decimal color 12845201.



This preview shows how white text looks on a background with the Decimal color 12845201.

# 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





# Trichromacy



**Original Color**  
12845201



**Protanomaly**  
6505144



**Deuteranomaly**  
8929931

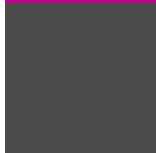


**Tritanomaly**  
12592219

# Monochromacy



**Original Color**  
12845201



**Achromatopsia**  
4934475



**Achromatomaly**  
7811172

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12845201 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 #C40091 looks like.

```
.text, #text, p{  
    color:#C40091  
}
```

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 #C40091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C40091
}
```

## Border

The CSS property to change the border of an element to Decimal 12845201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

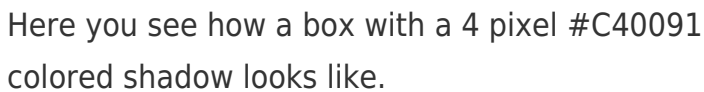
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C40091 }
```

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

```
.border{ border-color:#C40091 }
```

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



Here you see how a box with a 4 pixel #C40091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C40091; -webkit-box-shadow:4px 4px  
4px 4px #C40091; box-shadow:4px 4px 4px  
4px #C40091 }
```

# Background

The CSS property to change the background color of an element to Decimal 12845201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C40091 }
```

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

```
.background{ background-color:#C40091 }
```

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