

# Converting Colors

Decimal(13041854)

Have a look what the booklet for  
Decimal(13041854) contains.

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**Color**

**Decimal(13041854)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C700BE
RGB	199, 0, 190
RGB Percent	78%, 0%, 75%
CMY	0.2196, 1.0000, 0.2549
CMYK	0.00, 1.00, 0.05, 0.22
HSL	303°, 100%, 39%
HSV	303°, 100%, 78%
XYZ	32.8475, 15.8598, 50.0452
YIQ	81.1610, 57.6140, 101.2780

# Conversions

## Conversions Part 2

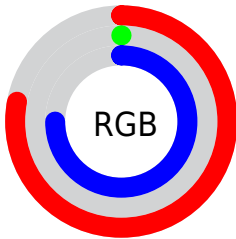
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 0, 190
Decimal	13041854
CIELab	46.79, 80.23, -46.09
CIELCh	47, 92.528, 330.126
Yxy	15.8598, 0.3326, 0.1606
Android (android.graphics.Color)	4291231934 (0xFFC700BE)
YUV	81.1610, 53.6576, 103.3448
Hunter-Lab	39.8244, 77.5354, -46.6295

# Details

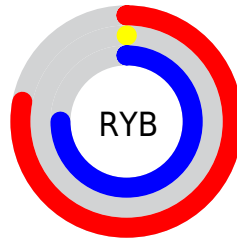
The Decimal color **13041854** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed rose. A complement of this color would be **50953**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **16735223**, and **9175176** is the 20% darker color. If you saturate the color by 10%, you get **13041854**, and if you desaturate by 10%, it is **13046975**.

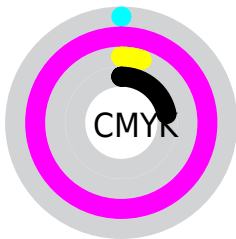
# Distribution



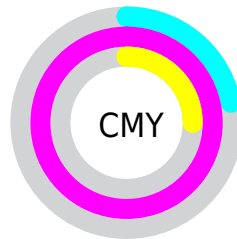
- Red (78%)
- Green (0%)
- Blue (75%)



- Red (78%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (22%)




















- Cyan (22%)
- Magenta (100%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13041854 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 13041854 by changing the saturation by 10% instead.



 13041854	 13041854
 16777215	 11075747
 16735223	 9175176
 16743167	 7274606
 16750847	 5439573
 16758271	 3670077
 16765951	 1638438
 16773887	 270
	 0

 13041854

■ 13046975

■ 13052096

■ 13057217

■ 13062338

■ 13067459

■ 13072323

■ 13077444

■ 13082565

■ 13087686

# Harmonies

## Analogous

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



5528056



13041854



15532146

# Triad

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



13041854



8875264



36284

# Complementary

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



13041854



50953

# 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.



35949



13041854



3375104

# Square

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



13041854



12732160



34832



35320

# Rectangle

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



13041854



15597632



34832



36259



# Sweetspot

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



13041854



16757756



458951



8409725



0



8421504



# Same Dimension

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



13041854



16711923



13041757



6511203



10682524



2359330



# Inverse Universe

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



13041854



16711923



51050



6511203



10682524



2359330



# Previews

## White Background



This preview shows how the Decimal color 13041854 looks on a white background.

## Color Contrast Check

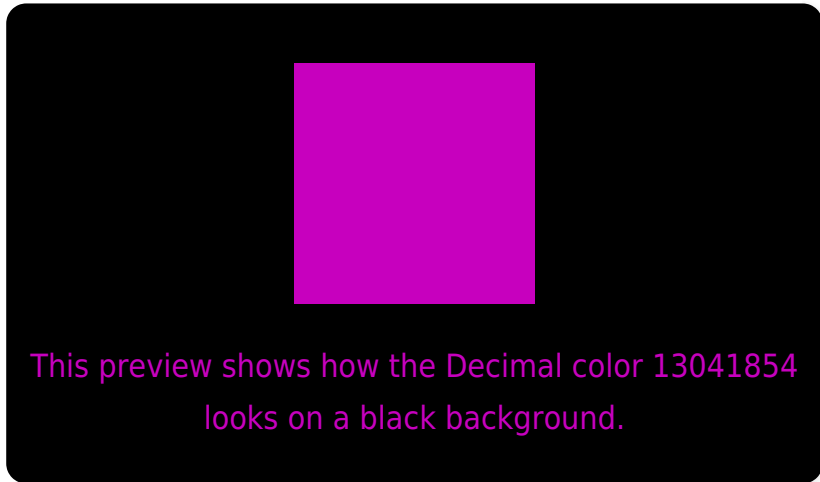
Large Text (above 18pt) WCAG AA ✓ Pass

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 13041854 Background



This preview shows how black text looks on a background with the Decimal color 13041854.



This preview shows how white text looks on a background with the Decimal color 13041854.

# 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**  
13041854



**Protanomaly**  
4736472



**Deuteranomaly**  
7948471



**Tritanomaly**  
12595319

# Monochromacy



**Original Color**  
13041854



**Achromatopsia**  
5329233



**Achromatomaly**  
8139897

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13041854 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 #C700BE looks like.

```
.text, #text, p{  
    color:#C700BE  
}
```

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 #C700BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C700BE
}
```

## Border

The CSS property to change the border of an element to Decimal 13041854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

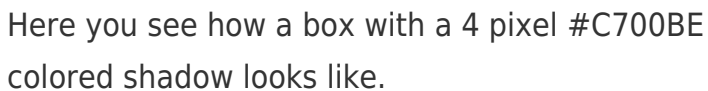
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C700BE }
```

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

```
.border{ border-color:#C700BE }
```

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



Here you see how a box with a 4 pixel `#C700BE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C700BE; -webkit-box-shadow:4px 4px  
4px 4px #C700BE; box-shadow:4px 4px 4px  
4px #C700BE }
```

# Background

The CSS property to change the background color of an element to Decimal 13041854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C700BE }
```

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

```
.background{ background-color:#C700BE }
```

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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