

# Converting Colors

Decimal(13700029)

Have a look what the booklet for  
Decimal(13700029) contains.

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**Color**

**Decimal(13700029)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D10BBD
RGB	209, 11, 189
RGB Percent	82%, 4%, 74%
CMY	0.1804, 0.9569, 0.2588
CMYK	0.00, 0.95, 0.10, 0.18
HSL	306°, 90%, 43%
HSV	306°, 95%, 82%
XYZ	35.5995, 17.4688, 49.6396
YIQ	90.4940, 60.8700, 97.3340

# Conversions

## Conversions Part 2

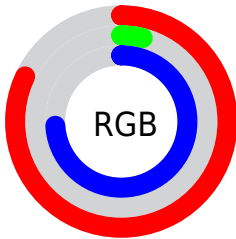
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 11, 189
Decimal	13700029
CIE <sub>Lab</sub>	48.85, 80.91, -42.13
CIE <sub>LCh</sub>	49, 91.221, 332.496
Yxy	17.4688, 0.3466, 0.1701
Android (android.graphics.Color)	4291890109 (0xFFD10BBD)
YUV	90.4940, 48.5635, 103.9298
Hunter-Lab	41.7957, 78.8950, -41.1602

# Details

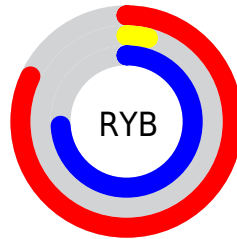
The Decimal color **13700029** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **774431**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **16736246**, and **9830535** is the 20% darker color. If you saturate the color by 10%, you get **13697212**, and if you desaturate by 10%, it is **13705407**.

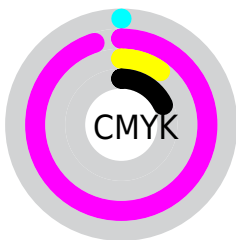
# Distribution



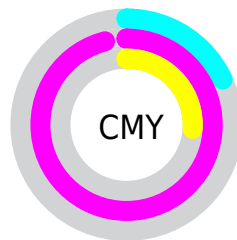
- Red (82%)
- Green (4%)
- Blue (74%)



- Red (82%)
- Yellow (4%)
- Blue (74%)



- Cyan (0%)
- Magenta (95%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (96%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13700029 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 13700029 by changing the saturation by 10% instead.



 13700029

 13700029

16777215

 11731106

 16736246

 9830535

 16744191

 7929965

 16751871

 6029396

 16759551

 4325437

 16767231

 2359334

 16774911

 269

 0

 13700029

 13700029

■ 13697212

■ 13705407

■ 13710785

■ 13716163

■ 13721541

■ 13726664

■ 13732042

■ 13737420

■ 13742798

■ 13748176

# Harmonies

## Analogous

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



7101433



1370029



15990897

# Triad

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



13700029



8942592



37830

# Complementary

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



13700029



774431

# 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.



37497



1370029



3245568

# Square

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



13700029



12865792



36386



36607

# Rectangle

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



13700029



15859775



36386



37806



# Sweetspot

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



13700029



16759032



2034641



8410235



0



8421504



# Same Dimension

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



13700029



16711909



13699930



6905447



11010199



2687013



# Inverse Universe

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



13700029



16711909



774530



6905447



11010199



2687013



# Previews

## White Background



This preview shows how the Decimal color 13700029 looks on a white background.

## Color Contrast Check

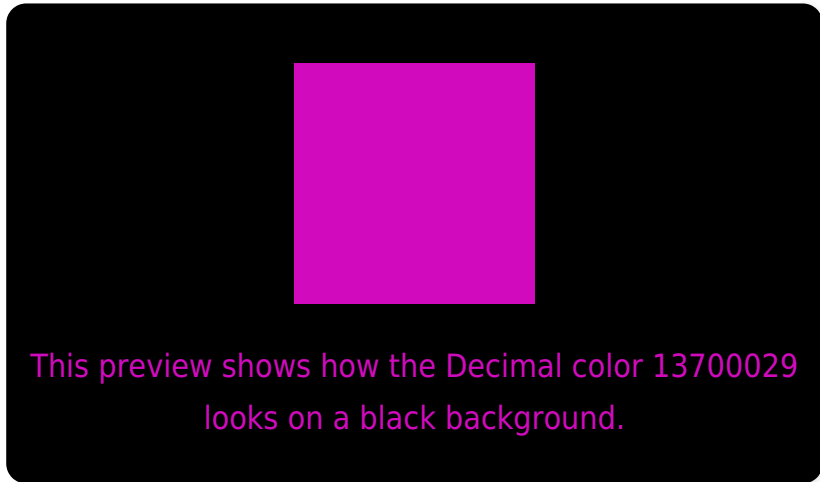
Large Text (above 18pt) WCAG AA ✓ Pass

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 13700029 Background



This preview shows how black text looks on a background with the Decimal color 13700029.

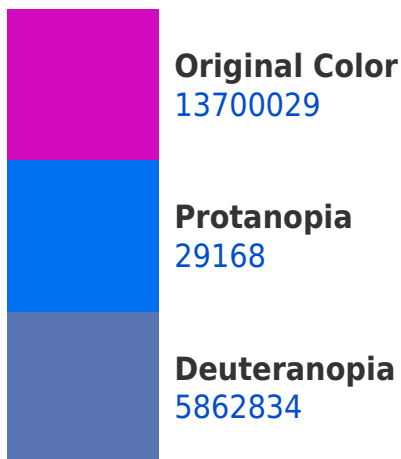


This preview shows how white text looks on a background with the Decimal color 13700029.

# 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



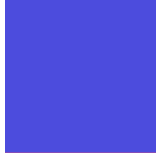


**Tritanopia**  
13060943

# Trichromacy



**Original Color**  
13700029



**Protanomaly**  
5000413



**Deuteranomaly**  
8736438



**Tritanomaly**  
13317239

# Monochromacy



**Original Color**  
13700029



**Achromatopsia**  
5921370



**Achromatomaly**  
8732030

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13700029 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 #D10BBD looks like.

```
.text, #text, p{  
    color:#D10BBD  
}
```

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 #D10BBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D10BBD
}
```

## Border

The CSS property to change the border of an element to Decimal 13700029 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
#D10BBD }
```

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

```
.border{ border-color:#D10BBB }
```

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

Here you see how a box with a 4 pixel #D10BBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D10BBB; -webkit-box-shadow:4px 4px  
4px 4px #D10BBB; box-shadow:4px 4px 4px  
4px #D10BBB }
```

# Background

The CSS property to change the background color of an element to Decimal 13700029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D10BBD }
```

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

```
.background{ background-color:#D10BBD }
```

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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