

# Converting Colors

Decimal(13712090)

Have a look what the booklet for  
Decimal(13712090) contains.

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# Color

**Decimal(13712090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D13ADA
RGB	209, 58, 218
RGB Percent	82%, 23%, 85%
CMY	0.1804, 0.7725, 0.1451
CMYK	0.04, 0.73, 0.00, 0.15
HSL	297°, 68%, 54%
HSV	297°, 73%, 85%
XYZ	40.4624, 21.6434, 68.3746
YIQ	121.3890, 38.6360, 81.7720

# Conversions

## Conversions Part 2

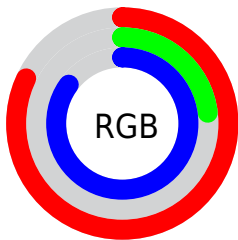
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 58, 218
Decimal	13712090
CIE Lab	53.65, 75.93, -51.19
CIE LCh	54, 91.574, 326.015
Yxy	21.6434, 0.3101, 0.1659
Android (android.graphics.Color)	4291902170 (0xFFD13ADA)
YUV	121.3890, 47.6292, 76.8348
Hunter-Lab	46.5224, 73.8344, -54.5736

# Details

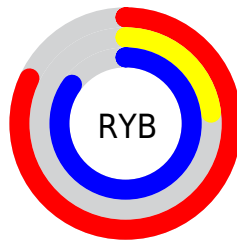
The Decimal color **13712090** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4446778**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **16742655**, and **9830562** is the 20% darker color. If you saturate the color by 10%, you get **13640922**, and if you desaturate by 10%, it is **13783258**.

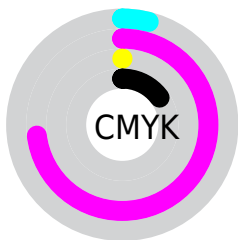
# Distribution



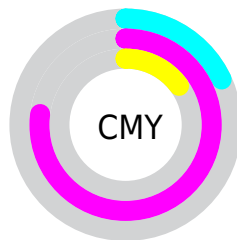
- Red (82%)
- Green (23%)
- Blue (85%)



- Red (82%)
- Yellow (23%)
- Blue (85%)



- Cyan (4%)
- Magenta (73%)
- Yellow (0%)
- Black (15%)




















- Cyan (18%)
- Magenta (77%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13712090 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 13712090 by changing the saturation by 10% instead.



 13712090	 13712090
 16777215	 11734206
 16742655	 9830562
 16750079	 7995527
 16757503	 6094957
 16765183	 4325460
 16772863	 2424892
	 37
	 270
	 0

■ 13712090

■ 13712090

■ 13640922

■ 13783258

■ 13569754

■ 13854426

■ 13500634

■ 13990874

■ 14062042

■ 14133210

■ 14204378

■ 14341082

■ 14411994

■ 14483162

# Harmonies

## Analogous

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



5140735



13712090



16711822

# Triad

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



13712090



10844672



41156

# Complementary

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



13712090



4446778

# 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.



40819



13712090



5803776

# Square

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



13712090



14570240



39445



40191

# Rectangle

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



13712090



16711770



39445



41130



# Sweetspot

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



13712090



16566271



3818970



8281728



0



8421504



# Same Dimension

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



13712090



15867903



14301845



7168878



10748077



2818094



# Inverse Universe

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



14301763



16719659



3857023



7234403



11337738

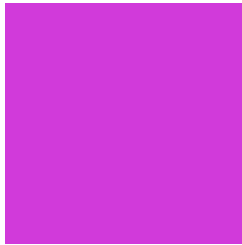


3014659



# Previews

## White Background



This preview shows how the Decimal color 13712090 looks on a white background.

## Color Contrast Check

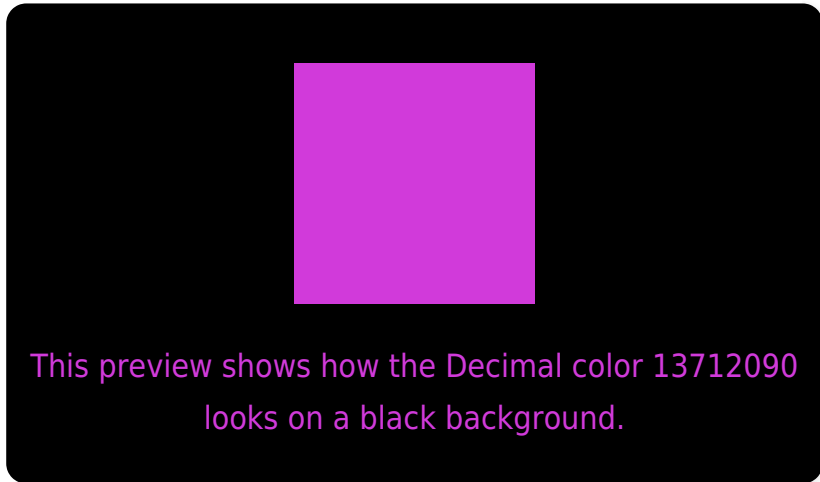
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

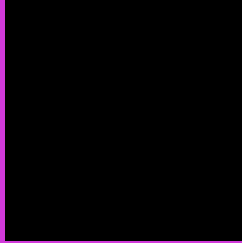
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13712090 Background



This preview shows how black text looks on a background with the Decimal color 13712090.



This preview shows how white text looks on a background with the Decimal color 13712090.

# 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**  
13712090



**Protanomaly**  
6776050



**Deuteranomaly**  
8415187



**Tritanomaly**  
13194130

# Monochromacy



**Original Color**  
13712090



**Achromatopsia**  
7960953



**Achromatomaly**  
10052252

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13712090 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 #D13ADA looks like.

```
.text, #text, p{  
    color:#D13ADA  
}
```

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 #D13ADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13ADA
}
```

## Border

The CSS property to change the border of an element to Decimal 13712090 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
#D13ADA }
```

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

```
.border{ border-color:#D13ADA }
```

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

Here you see how a box with a 4 pixel #D13ADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13ADA; -webkit-box-shadow:4px 4px  
4px 4px #D13ADA; box-shadow:4px 4px 4px  
4px #D13ADA }
```

# Background

The CSS property to change the background color of an element to Decimal 13712090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13ADA }
```

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

```
.background{ background-color:#D13ADA }
```

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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