

# Converting Colors

Decimal(14024900)

Have a look what the booklet for  
Decimal(14024900) contains.

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**Color**

**Decimal(14024900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D600C4
RGB	214, 0, 196
RGB Percent	84%, 0%, 77%
CMY	0.1608, 1.0000, 0.2314
CMYK	0.00, 1.00, 0.08, 0.16
HSL	305°, 100%, 42%
HSV	305°, 100%, 84%
XYZ	37.6954, 18.2817, 53.7665
YIQ	86.3300, 64.6280, 106.3240

# Conversions

## Conversions Part 2

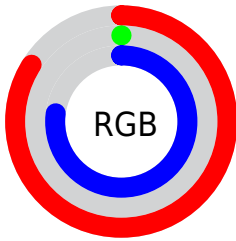
Format	Color
<b>RYB</b>	214, 0, 196
Decimal	14024900
CIELab	49.84, 83.58, -44.57
CIELCh	50, 94.721, 331.930
Yxy	18.2817, 0.3435, 0.1666
Android (android.graphics.Color)	4292214980 (0xFFD600C4)
YUV	86.3300, 54.0673, 111.9666
Hunter-Lab	42.7571, 82.5438, -44.6265

# Details

The Decimal color **14024900** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **54802**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16735997**, and **10092686** is the 20% darker color. If you saturate the color by 10%, you get **14024900**, and if you desaturate by 10%, it is **14030278**.

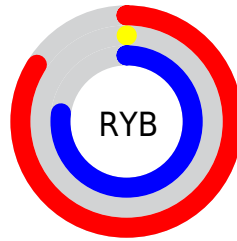
# Distribution



Red (84%)

Green (0%)

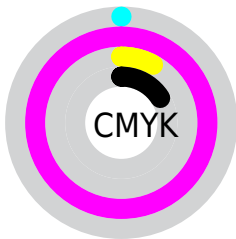
Blue (77%)



Red (84%)

Yellow (0%)

Blue (77%)

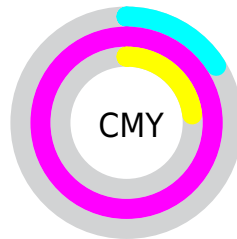


Cyan (0%)

Magenta (100%)

Yellow (8%)

Black (16%)



Cyan (16%)

Magenta (100%)


















Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14024900 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 14024900 by changing the saturation by 10% instead.



 14024900	 14024900
 16777215	 12058792
 16735997	 10092686
 16744191	 8192115
 16751871	 6291546
 16759551	 4587586
 16767231	 2555947
 16775167	 277
	 0

 14024900

 14030278

 14035912

 14041289

 14046923

 14052301

 14057679

 14063313

 14068690

 14074324

# Harmonies

## Analogous

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



6905343



14024900



16449653

# Triad

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



14024900



9205248



38603

# Complementary

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



14024900



54802

# 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.



38266



14024900



3311872

# Square

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



14024900



13259008



37406



37631

# Rectangle

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



14024900



16318529



37406



38577



# Sweetspot

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



14024900



16757753



1179862



8409724



0



8421504



# Same Dimension

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



14024900



16711914



14024793



7037034



11206812



2818088



# Inverse Universe

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



14024900



16711914



54909



7037034



11206812



2818088



# Previews

## White Background



This preview shows how the Decimal color 14024900 looks on a white background.

## Color Contrast Check

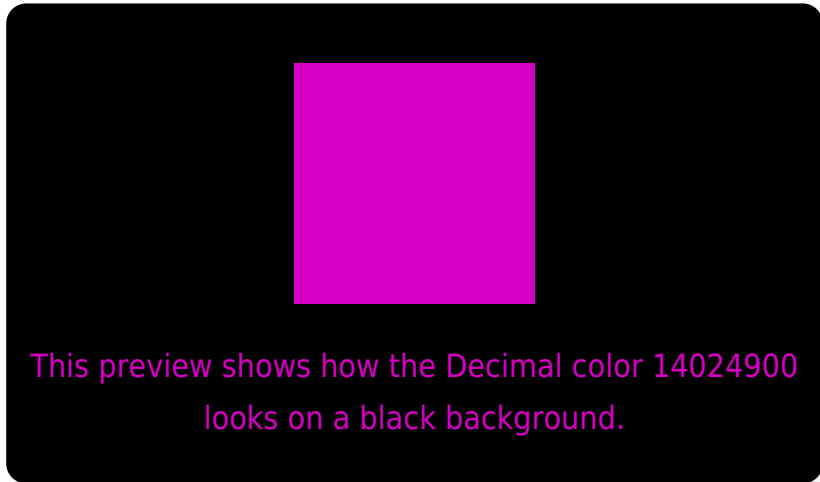
Large Text (above 18pt) WCAG AA ✓ Pass

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

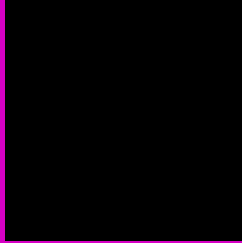
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 14024900 Background



This preview shows how black text looks on a background with the Decimal color 14024900.



This preview shows how white text looks on a background with the Decimal color 14024900.

# 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**  
14024900



**Protanomaly**  
5130980



**Deuteranomaly**  
8801468



**Tritanomaly**  
13578619

# Monochromacy



**Original Color**  
14024900



**Achromatopsia**  
5658198



**Achromatomaly**  
8730494

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14024900 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 #D600C4 looks like.

```
.text, #text, p{  
  color:#D600C4  
}
```

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 #D600C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D600C4
}
```

## Border

The CSS property to change the border of an element to Decimal 14024900 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".

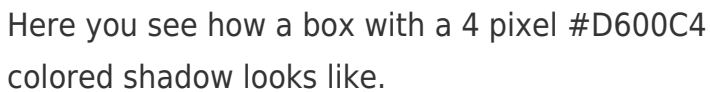
```
.border, #border, table{ border:4px solid
#D600C4 }
```

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

```
.border{ border-color:#D600C4 }
```

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

Here you see how a box with a 4 pixel #D600C4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D600C4; -webkit-box-shadow:4px 4px  
4px 4px #D600C4; box-shadow:4px 4px 4px  
4px #D600C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 14024900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D600C4 }
```

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

```
.background{ background-color:#D600C4 }
```

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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