

Converting Colors

Decimal(13970867)

Have a look what the booklet for
Decimal(13970867) contains.

Decimal(13970867)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13970867)

Conversions

Conversions Part 1

Format	Color
Hex	D52DB3
RGB	213, 45, 179
RGB Percent	84%, 18%, 70%
CMY	0.1647, 0.8235, 0.2980
CMYK	0.00, 0.79, 0.16, 0.16
HSL	312°, 67%, 51%
HSV	312°, 79%, 84%
XYZ	36.5156, 19.2776, 44.4442
YIQ	110.5080, 57.1140, 77.2900

Conversions

Conversions Part 2

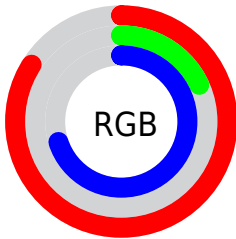
Format	Color
R _Y B	213, 45, 179
Decimal	13970867
CIE Lab	51.01, 74.64, -32.82
CIE LCh	51, 81.543, 336.263
Yxy	19.2776, 0.3643, 0.1923
Android (android.graphics.Color)	4292160947 (0xFFD52DB3)
YUV	110.5080, 33.7666, 89.8855
Hunter-Lab	43.9062, 71.6177, -29.2821

Details

The Decimal color **13970867** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **3003727**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **16740075**, and **10092670** is the 20% darker color. If you saturate the color by 10%, you get **13965487**, and if you desaturate by 10%, it is **13976247**.

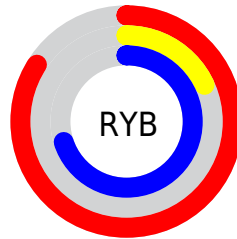
Distribution



Red (84%)

Green (18%)

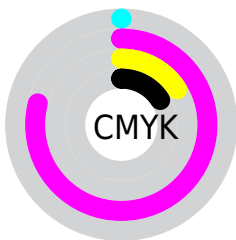
Blue (70%)



Red (84%)

Yellow (18%)

Blue (70%)

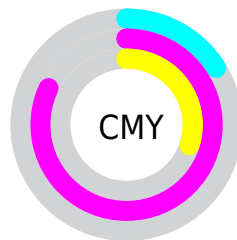


Cyan (0%)

Magenta (79%)

Yellow (16%)

Black (16%)



Cyan (16%)

Magenta (82%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13970867 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 13970867 by changing the saturation by 10% instead.


 13970867  13970867

16777215  11993240

 16740075  10092670

 16747775  8192100

 16755199  6357068

 16762879  4587573

 16770303  2687007

 0

 13970867  13970867

 13965487  13976247

■ 13959850

■ 13981884

■ 13959338

■ 13987264

■ 13992644

■ 13998281

■ 14003661

■ 14009041

■ 14014421

■ 14020058

Harmonies

Analogous

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



8871659



13970867



15728750

Triad

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



13970867



8879104



38603

Complementary

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



13970867



3003727

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.



38535



13970867



3640064

Square

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



13970867



12541952



37693



37114

Rectangle

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



13970867



15475009



37693



38838

Sweetspot

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



13970867



16761587



5189077



8412024



0



8421504

Same Dimension

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



13970867



16715214



13970783



7037033



11206792



2818083

Inverse Universe

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



13970867



16715214



3003811



7037033



11206792



2818083

Previews

White Background



This preview shows how the Decimal color 13970867 looks on a white background.

Color Contrast Check

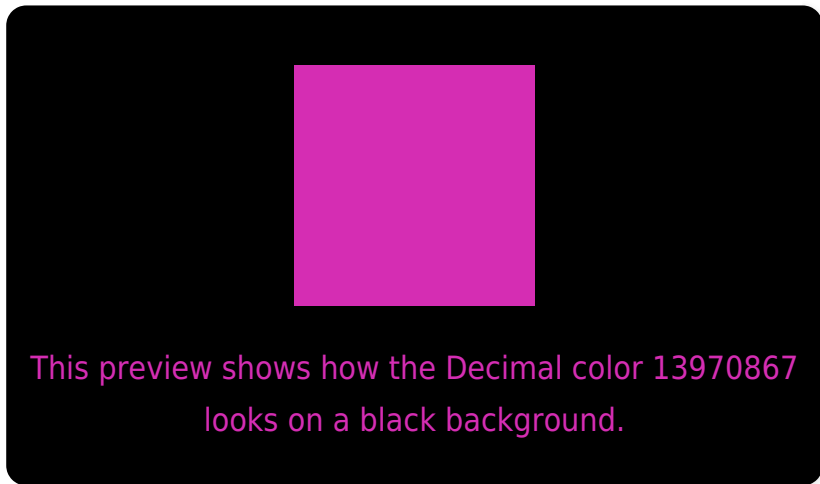
Large Text (above 18pt) WCAG AA ✓ Pass

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

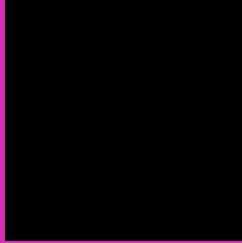
Any Text WCAG AA ✓ Pass

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 13970867 Background



This preview shows how black text looks on a background with the Decimal color 13970867.




This preview shows how white text looks on a background with the Decimal color 13970867.

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
13389909

Trichromacy



Original Color
13970867



Protanomaly
7035866



Deuteranomaly
9592237



Tritanomaly
13583223

Monochromacy



Original Color
13970867



Achromatopsia
7303023



Achromatomaly
9721736

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13970867 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 #D52DB3 looks like.

```
.text, #text, p{  
    color:#D52DB3  
}
```

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 #D52DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D52DB3
}
```

Border

The CSS property to change the border of an element to Decimal 13970867 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
#D52DB3 }
```

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

```
.border{ border-color:#D52DB3 }
```

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

Here you see how a box with a 4 pixel #D52DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D52DB3; -webkit-box-shadow:4px 4px  
4px 4px #D52DB3; box-shadow:4px 4px 4px  
4px #D52DB3 }
```

Background

The CSS property to change the background color of an element to Decimal 13970867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D52DB3 }
```

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

```
.background{ background-color:#D52DB3 }
```

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