

# Converting Colors

Decimal(13970125)

Have a look what the booklet for  
Decimal(13970125) contains.

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# Color

**Decimal(13970125)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D52ACD
RGB	213, 42, 205
RGB Percent	84%, 16%, 80%
CMY	0.1647, 0.8353, 0.1961
CMYK	0.00, 0.80, 0.04, 0.16
HSL	303°, 67%, 50%
HSV	303°, 80%, 84%
XYZ	39.2880, 20.2098, 59.5878
YIQ	111.7110, 49.5930, 86.9450

# Conversions

## Conversions Part 2

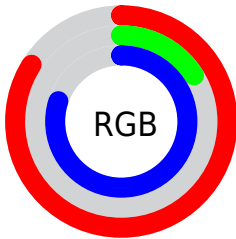
<b>Format</b>	<b>Color</b>
<b>RYB</b>	213, 42, 205
Decimal	13970125
CIELab	52.07, 79.04, -46.22
CIELCh	52, 91.561, 329.679
Yxy	20.2098, 0.3299, 0.1697
Android (android.graphics.Color)	4292160205 (0xFFD52ACD)
YUV	111.7110, 45.9915, 88.8305
Hunter-Lab	44.9554, 77.3252, -47.1194

# Details

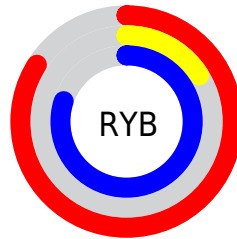
The Decimal color **13970125** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **2807090**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **16739839**, and **10092694** is the 20% darker color. If you saturate the color by 10%, you get **13964748**, and if you desaturate by 10%, it is **13975502**.

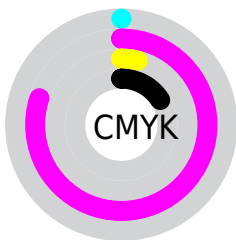
# Distribution



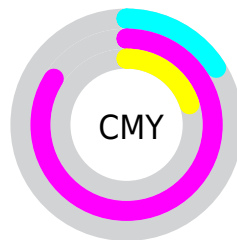
- Red (84%)
- Green (16%)
- Blue (80%)



- Red (84%)
- Yellow (16%)
- Blue (80%)



- Cyan (0%)
- Magenta (80%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (84%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13970125 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 13970125 by changing the saturation by 10% instead.



 13970125

 13970125

16777215

 11993265

 16739839

 10092694

 16747519

 8192124

 16755199

 6291554

 16762879

 4522058

 16770559

 2621490

 28

 0

 13970125

 13970125

■ 13964748

■ 13975502

■ 13959371

■ 13981135

■ 13986512

■ 13991889

■ 13997522

■ 14002899

■ 14008276

■ 14013653

■ 14019286

# Harmonies

## Analogous

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



6645759



13970125



16580737

# Triad

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



13970125



9992448



40137

# Complementary

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



13970125



2807090

# 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.



39801



13970125



4623616

# Square

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



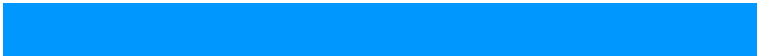
13970125



13849856



38688



38911

# Rectangle

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



13970125



16646221



38688



40111



# Sweetspot

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



13970125



16761596



3156693



8412030



0



8421504



# Same Dimension

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



13970125



16714484



13970042



7037035



11206819



2818089



# Inverse Universe

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



13970125



16714484



2807173



7037035



11206819



2818089



# Previews

## White Background



This preview shows how the Decimal color 13970125 looks on a white background.

## Color Contrast Check

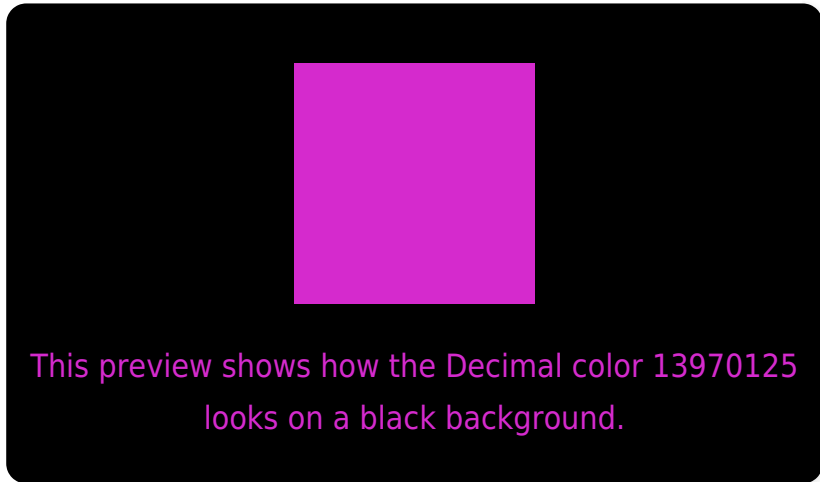
Large Text (above 18pt) WCAG AA ✓ Pass

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

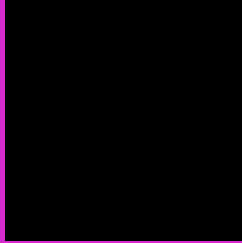
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13970125 Background



This preview shows how black text looks on a background with the Decimal color 13970125.




This preview shows how white text looks on a background with the Decimal color 13970125.

# 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**  
13195357

# Trichromacy



**Original Color**  
13970125



**Protanomaly**  
5528813



**Deuteranomaly**  
8806342



**Tritanomaly**  
13453190

# Monochromacy



**Original Color**  
13970125



**Achromatopsia**  
7368816



**Achromatomaly**  
9787282

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13970125 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 #D52ACD looks like.

```
.text, #text, p{  
    color:#D52ACD  
}
```

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 #D52ACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D52ACD
}
```

## Border

The CSS property to change the border of an element to Decimal 13970125 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
#D52ACD }
```

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

```
.border{ border-color:#D52ACD }
```

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

Here you see how a box with a 4 pixel #D52ACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D52ACD; -webkit-box-shadow:4px 4px  
4px 4px #D52ACD; box-shadow:4px 4px 4px  
4px #D52ACD }
```

# Background

The CSS property to change the background color of an element to Decimal 13970125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D52ACD }
```

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

```
.background{ background-color:#D52ACD }
```

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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