

Converting Colors

Decimal(13370853)

Have a look what the booklet for
Decimal(13370853) contains.

Decimal(13370853)	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(13370853)

Conversions

Conversions Part 1

Format	Color
Hex	CC05E5
RGB	204, 5, 229
RGB Percent	80%, 2%, 90%
CMY	0.2000, 0.9804, 0.1020
CMYK	0.11, 0.98, 0.00, 0.10
HSL	293°, 96%, 46%
HSV	293°, 98%, 90%
XYZ	39.0990, 18.6031, 75.6587
YIQ	90.0370, 46.7000, 111.8520

Conversions

Conversions Part 2

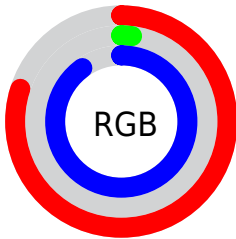
Format	Color
RYB	204, 5, 229
Decimal	13370853
CIELab	50.22, 86.43, -62.97
CIELCh	50, 106.939, 323.923
Yxy	18.6031, 0.2932, 0.1395
Android (android.graphics.Color)	4291560933 (0xFFCC05E5)
YUV	90.0370, 68.5088, 99.9456
Hunter-Lab	43.1313, 86.3325, -73.8117

Details

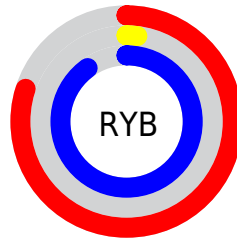
The Decimal color **13370853** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **2024709**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **16736255**, and **9437356** is the 20% darker color. If you saturate the color by 10%, you get **13304037**, and if you desaturate by 10%, it is **13573349**.

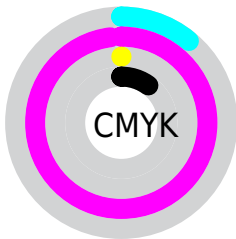
Distribution



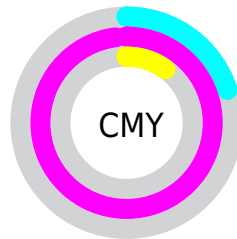
- Red (80%)
- Green (2%)
- Blue (90%)



- Red (80%)
- Yellow (2%)
- Blue (90%)



- Cyan (11%)
- Magenta (98%)
- Yellow (0%)
- Black (10%)





















- Cyan (20%)
- Magenta (98%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13370853 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 13370853 by changing the saturation by 10% instead.

 13370853	 13370853
 16777215	 11403464
 16736255	 9437356
 16744447	 7536785
 16752127	 5570679
 16759807	 3801181
 16767487	 1507396
 16775423	 557
	 279
	 0

■ 13370853

■ 13370853

■ 13304037

■ 13573349

■ 13710309

■ 13912805

■ 14049765

■ 14252005

■ 14388965

■ 14591461

■ 14728421

■ 14930917

Harmonies

Analogous

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



27135



13370853



16711822

Triad

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



13370853



10579456



39616

Complementary

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



13370853



2024709

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.



39010



13370853



4687872

Square

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



13370853



14759424



37632



39167

Rectangle

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



13370853



16711763



37632



39329

Sweetspot

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



13370853



16233983



335845



8082304



0



8421504

Same Dimension

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



13370853



14876927



15009167



7432051



10420403



2949171

Inverse Universe

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



15009054



16711708



386395



7563113



11730964



3342342

Previews

White Background



This preview shows how the Decimal color 13370853 looks on a white background.

Color Contrast Check

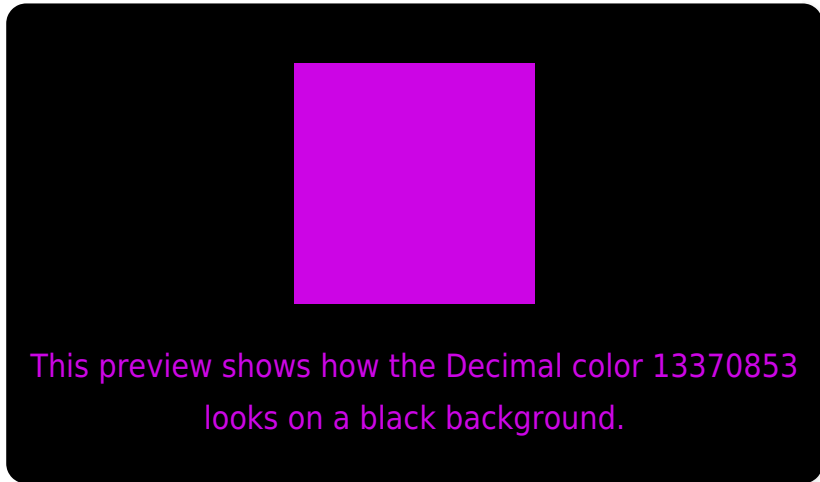
Large Text (above 18pt) WCAG AA ✓ Pass

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

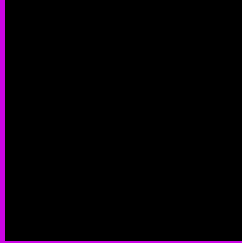
Any Text WCAG AA ✓ Pass

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 13370853 Background



This preview shows how black text looks on a background with the Decimal color 13370853.

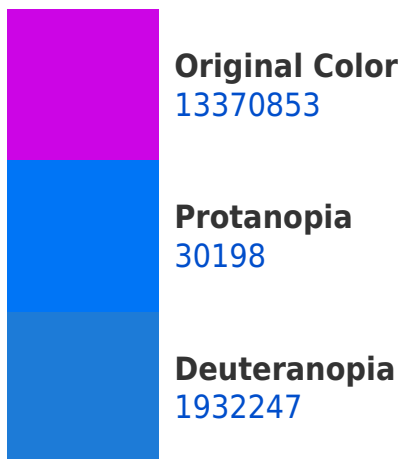


This preview shows how white text looks on a background with the Decimal color 13370853.

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
13370853



Protanomaly
4869360



Deuteranomaly
6115548



Tritanomaly
12663696

Monochromacy



Original Color
13370853



Achromatopsia
5921370



Achromatomaly
8600461

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13370853 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 #CC05E5 looks like.

```
.text, #text, p{  
    color:#CC05E5  
}
```

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 #CC05E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC05E5
}
```

Border

The CSS property to change the border of an element to Decimal 13370853 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
#CC05E5 }
```

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

```
.border{ border-color:#CC05E5 }
```

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

Here you see how a box with a 4 pixel #CC05E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC05E5; -webkit-box-shadow:4px 4px  
4px 4px #CC05E5; box-shadow:4px 4px 4px  
4px #CC05E5 }
```

Background

The CSS property to change the background color of an element to Decimal 13370853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC05E5 }
```

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

```
.background{ background-color:#CC05E5 }
```

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