

Converting Colors

Decimal(13369589)

Have a look what the booklet for
Decimal(13369589) contains.

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Color

Decimal(13369589)

Conversions

Conversions Part 1

Format	Color
Hex	CC00F5
RGB	204, 0, 245
RGB Percent	80%, 0%, 96%
CMY	0.2000, 1.0000, 0.0392
CMYK	0.17, 1.00, 0.00, 0.04
HSL	290°, 100%, 48%
HSV	290°, 100%, 96%
XYZ	41.3833, 19.4299, 87.9554
YIQ	88.9260, 42.9390, 119.4430

Conversions

Conversions Part 2

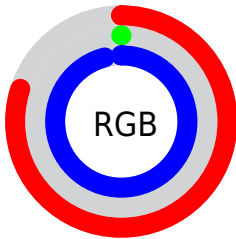
Format	Color
RYB	204, 0, 245
Decimal	13369589
CIELab	51.19, 89.37, -70.43
CIElCh	51, 113.782, 321.760
Yxy	19.4299, 0.2782, 0.1306
Android (android.graphics.Color)	4291559669 (0xFFCC00F5)
YUV	88.9260, 76.9445, 100.9199
Hunter-Lab	44.0794, 90.4430, -87.4508

Details

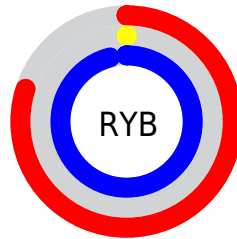
The Decimal color **13369589** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **2749696**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **16736255**, and **9437372** is the 20% darker color. If you saturate the color by 10%, you get **13369589**, and if you desaturate by 10%, it is **13637877**.

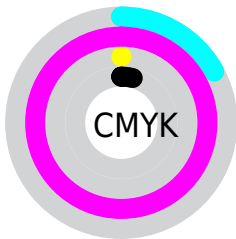
Distribution



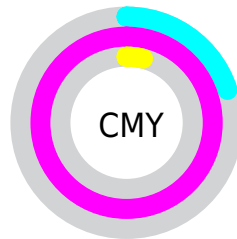
- Red (80%)
- Green (0%)
- Blue (96%)



- Red (80%)
- Yellow (0%)
- Blue (96%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)





















- Cyan (20%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13369589 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 13369589 by changing the saturation by 10% instead.

 13369589	 13369589
 16777215	 11403480
 16736255	 9437372
 16744447	 7471264
 16752127	 5505157
 16760063	 3604587
 16767743	 917585
 16775423	 57
	 546
	 9

■ 13369589

■ 13637877

■ 13906421

■ 14174965

■ 14443253

■ 14777333

■ 15045621

■ 15313909

■ 15582453

■ 15850997

Harmonies

Analogous

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



28415



13369589



16711833

Triad

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



13369589



11234560



40641

Complementary

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



13369589



2749696

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.



39771



13369589



5081600

Square

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



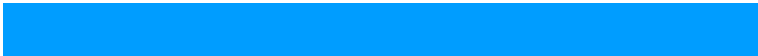
13369589



15607552



38400



40447

Rectangle

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



13369589



16711770



38400



40352

Sweetspot

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



13369589



15905791



11765



7885440



0



8421504

Same Dimension

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



13369589



13893887



16056487



7892602



10158266



3211323

Inverse Universe

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



16056361



16711723



62798



8023664



12189727



3866634

Previews

White Background



This preview shows how the Decimal color 13369589 looks on a white background.

Color Contrast Check

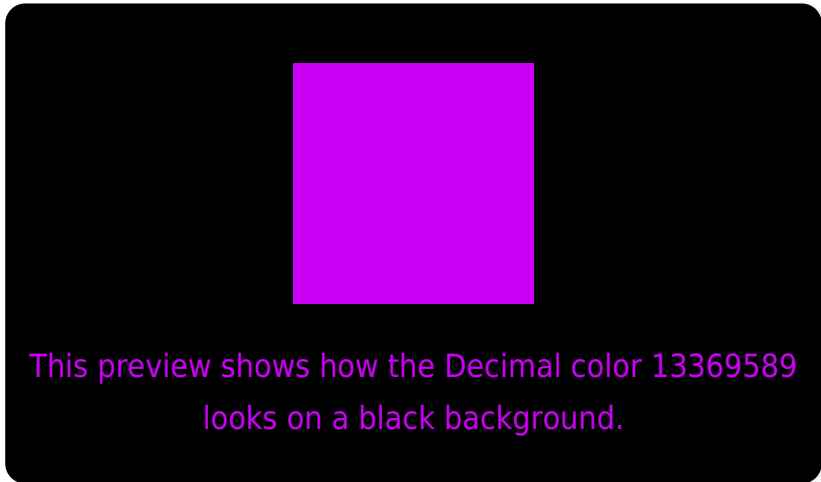
Large Text (above 18pt) WCAG AA ✓ Pass

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 13369589 Background



This preview shows how black text looks on a background with the Decimal color 13369589.



This preview shows how white text looks on a background with the Decimal color 13369589.

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



Original Color
13369589

Protanopia
30715

Deuteranopia
32477



Tritanopia
12148839

Trichromacy



Original Color

13369589



Protanomaly

4869369



Deuteranomaly

4870374



Tritanomaly

12598683

Monochromacy



Original Color

13369589



Achromatopsia

5855577



Achromatomaly

8599954

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13369589 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 #CC00F5 looks like.

```
.text, #text, p{  
    color:#CC00F5  
}
```

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 #CC00F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC00F5
}
```

Border

The CSS property to change the border of an element to Decimal 13369589 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".

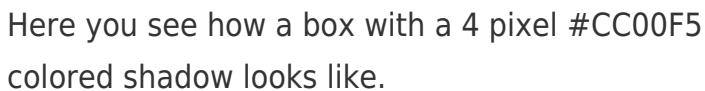
```
.border, #border, table{ border:4px solid
#CC00F5 }
```

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

```
.border{ border-color:#CC00F5 }
```

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

Here you see how a box with a 4 pixel #CC00F5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC00F5; -webkit-box-shadow:4px 4px  
4px 4px #CC00F5; box-shadow:4px 4px 4px  
4px #CC00F5 }
```

Background

The CSS property to change the background color of an element to Decimal 13369589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC00F5 }
```

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

```
.background{ background-color:#CC00F5 }
```

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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