

Converting Colors

Decimal(13369548)

Have a look what the booklet for
Decimal(13369548) contains.

Decimal(13369548)	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(13369548)

Conversions

Conversions Part 1

Format	Color
Hex	CC00CC
RGB	204, 0, 204
RGB Percent	80%, 0%, 80%
CMY	0.2000, 1.0000, 0.2000
CMYK	0.00, 1.00, 0.00, 0.20
HSL	300°, 100%, 40%
HSV	300°, 100%, 80%
XYZ	35.8009, 17.1970, 58.5592
YIQ	84.2520, 56.1000, 106.6920

Conversions

Conversions Part 2

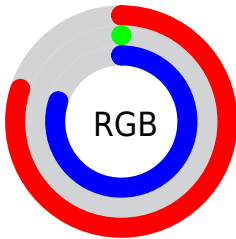
Format	Color
RYB	204, 0, 204
Decimal	13369548
CIELab	48.51, 83.05, -51.43
CIELCh	49, 97.680, 328.233
Yxy	17.1970, 0.3209, 0.1542
Android (android.graphics.Color)	4291559628 (0xFFCC00CC)
YUV	84.2520, 59.0358, 105.0190
Hunter-Lab	41.4693, 81.5300, -54.6955

Details

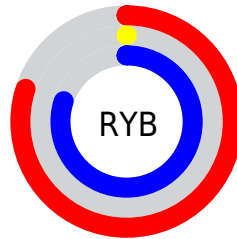
The Decimal color **13369548** is a dark color, and the websafe version is hex **CC00CC**, and the color name is **deep magenta**. The color can be described as middle washed magenta. A complement of this color would be **52224**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **16735743**, and **9502869** is the 20% darker color. If you saturate the color by 10%, you get **13369548**, and if you desaturate by 10%, it is **13374668**.

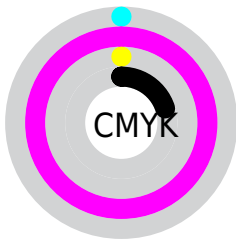
Distribution



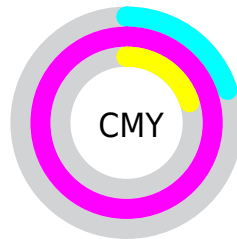
- Red (80%)
- Green (0%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 13369548 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 13369548 by changing the saturation by 10% instead.

 13369548

 13369548

16777215

 11403440

 16735743

 9502869

 16743679

 7602298

 16751359

 5701729

 16759039

 3932232

 16766719

 1900593

 16774399

 282

 0

 13369548

■ 13374668

■ 13380044

■ 13385164

■ 13390540

■ 13395660

■ 13400780

■ 13406156

■ 13411276

■ 13416652

Harmonies

Analogous

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



4349951



13369548



16253052

Triad

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



13369548



9531136



37824

Complementary

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



13369548



52224

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.



37484



13369548



3834880

Square

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



13369548



13518080



36352



37119

Rectangle

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



13369548



16384070



36352



37797

Sweetspot

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



13369548



16757759



204



8409728



0



8421504

Same Dimension

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



13369548



16711935



13369446



6708326



10879142



2490406

Inverse Universe

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



13369548



16711935



52326



6708326



10879142



2490406

Previews

White Background



This preview shows how the Decimal color 13369548 looks on a white background.

Color Contrast Check

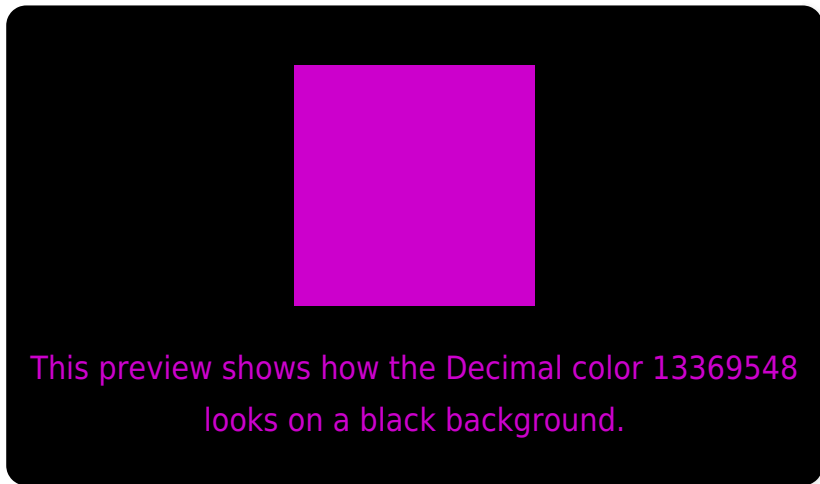
Large Text (above 18pt) WCAG AA ✓ Pass

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

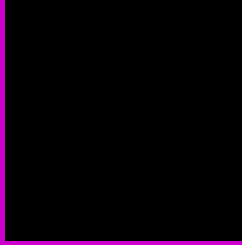
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 13369548 Background



This preview shows how black text looks on a background with the Decimal color 13369548.

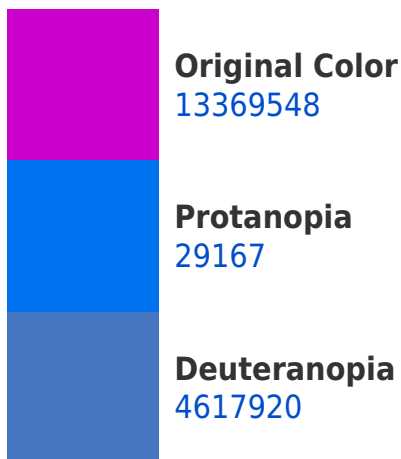


This preview shows how white text looks on a background with the Decimal color 13369548.

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
13369548



Protanomaly
4868322



Deuteranomaly
7818180



Tritanomaly
12858240

Monochromacy



Original Color
13369548



Achromatopsia
5526612



Achromatomaly
8402304

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13369548 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 #CC00CC looks like.

```
.text, #text, p{  
  color:#CC00CC  
}
```

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 #CC00CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC00CC
}
```

Border

The CSS property to change the border of an element to Decimal 13369548 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
#CC00CC }
```

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

```
.border{ border-color:#CC00CC }
```

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

Here you see how a box with a 4 pixel #CC00CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC00CC; -webkit-box-shadow:4px 4px  
4px 4px #CC00CC; box-shadow:4px 4px 4px  
4px #CC00CC }
```

Background

The CSS property to change the background color of an element to Decimal 13369548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC00CC }
```

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

```
.background{ background-color:#CC00CC }
```

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