

Converting Colors

Decimal(13369533)

Have a look what the booklet for
Decimal(13369533) contains.

Decimal(13369533)	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(13369533)

Conversions

Conversions Part 1

Format	Color
Hex	CC00BD
RGB	204, 0, 189
RGB Percent	80%, 0%, 74%
CMY	0.2000, 1.0000, 0.2588
CMYK	0.00, 1.00, 0.07, 0.20
HSL	304°, 100%, 40%
HSV	304°, 100%, 80%
XYZ	34.0871, 16.5115, 49.5346
YIQ	82.5420, 60.9150, 102.0270

Conversions

Conversions Part 2

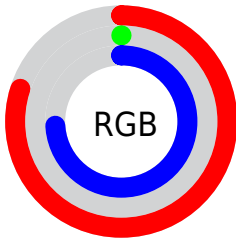
Format	Color
RYB	204, 0, 189
Decimal	13369533
CIELab	47.64, 80.94, -44.10
CIElCh	48, 92.169, 331.416
Yxy	16.5115, 0.3404, 0.1649
Android (android.graphics.Color)	4291559613 (0xFFCC00BD)
YUV	82.5420, 52.4838, 106.5187
Hunter-Lab	40.6343, 78.6292, -43.8324

Details

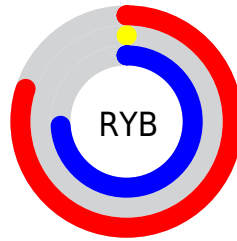
The Decimal color **13369533** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed rose. A complement of this color would be **52239**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **16735478**, and **9502855** is the 20% darker color. If you saturate the color by 10%, you get **13369533**, and if you desaturate by 10%, it is **13374655**.

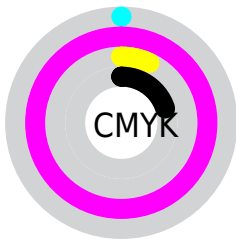
Distribution



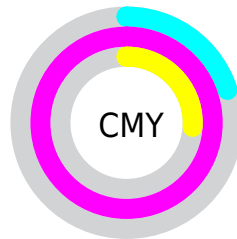
- Red (80%)
- Green (0%)
- Blue (74%)



- Red (80%)
- Yellow (0%)
- Blue (74%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13369533 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 13369533 by changing the saturation by 10% instead.

 13369533

 13369533

16777215

 11403426

 16735478

 9502855

 16743423

 7602285

 16751103

 5701716

 16758783

 3997756

 16766463

 1966117

 16774143

 269

 0

 13369533

■ 13374655

■ 13380032

■ 13385154

■ 13390531

■ 13395653

■ 13400774

■ 13406152

■ 13411273

■ 13416651

Harmonies

Analogous

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



6314488



13369533



15728753

Triad

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



13369533



8876032



36801

Complementary

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



13369533



52239

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.



36723



13369533



3244544

Square

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



13369533



12733440



35610



35835

Rectangle

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



13369533



15663167



35610



37032

Sweetspot

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



13369533



16757753



917708



8409724



0



8421504

Same Dimension

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



13369533



16711916



13369432



6708325



10879130



2490403

Inverse Universe

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



13369533



16711916



52340



6708325



10879130



2490403

Previews

White Background



This preview shows how the Decimal color 13369533 looks on a white background.

Color Contrast Check

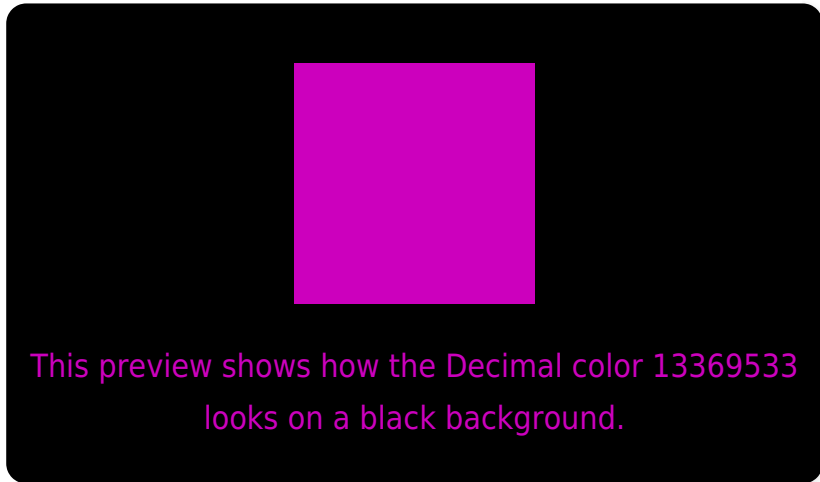
Large Text (above 18pt) WCAG AA ✓ Pass

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 13369533 Background



This preview shows how black text looks on a background with the Decimal color 13369533.




This preview shows how white text looks on a background with the Decimal color 13369533.

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
12667471

Trichromacy



Original Color

13369533



Protanomaly

4868058



Deuteranomaly

8341942



Tritanomaly

12922743

Monochromacy



Original Color

13369533



Achromatopsia

5460819



Achromatomaly

8336762

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13369533 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 #CC00BD looks like.

```
.text, #text, p{  
    color:#CC00BD  
}
```

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 #CC00BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC00BD
}
```

Border

The CSS property to change the border of an element to Decimal 13369533 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
#CC00BD }
```

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

```
.border{ border-color:#CC00BD }
```

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

Here you see how a box with a 4 pixel #CC00BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC00BD; -webkit-box-shadow:4px 4px  
4px 4px #CC00BD; box-shadow:4px 4px 4px  
4px #CC00BD }
```

Background

The CSS property to change the background color of an element to Decimal 13369533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC00BD }
```

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

```
.background{ background-color:#CC00BD }
```

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