

Converting Colors

Decimal(13959337)

Have a look what the booklet for
Decimal(13959337) contains.

Decimal(13959337)	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(13959337)

Conversions

Conversions Part 1

Format	Color
Hex	D500A9
RGB	213, 0, 169
RGB Percent	84%, 0%, 66%
CMY	0.1647, 1.0000, 0.3373
CMYK	0.00, 1.00, 0.21, 0.16
HSL	312°, 100%, 42%
HSV	312°, 100%, 84%
XYZ	34.6020, 17.0107, 38.9958
YIQ	82.9530, 72.6990, 97.7150

Conversions

Conversions Part 2

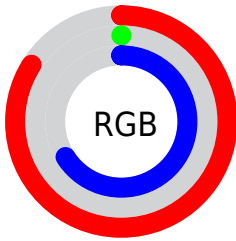
Format	Color
R_{YB}	213, 0, 169
Decimal	13959337
CIE _{Lab}	48.27, 79.98, -31.21
CIE _{LCh}	48, 85.853, 338.680
Yxy	17.0107, 0.3819, 0.1877
Android (android.graphics.Color)	4292149417 (0xFFD500A9)
YUV	82.9530, 42.4212, 114.0512
Hunter-Lab	41.2440, 77.5769, -27.1872

Details

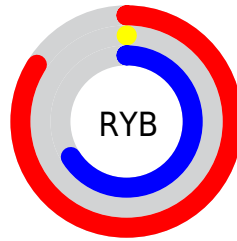
The Decimal color **13959337** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **54572**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **16735713**, and **10027124** is the 20% darker color. If you saturate the color by 10%, you get **13959337**, and if you desaturate by 10%, it is **13964717**.

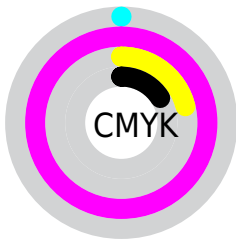
Distribution



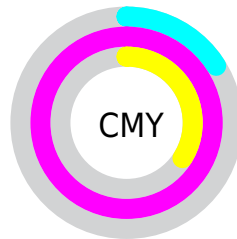
- Red (84%)
- Green (0%)
- Blue (66%)



- Red (84%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (16%)



















- Cyan (16%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13959337 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 13959337 by changing the saturation by 10% instead.

 13959337	 13959337
 16777215	 11993230
 16735713	 10027124
 16743677	 8126555
 16751359	 6225987
 16759039	 4456493
 16766719	 2490391
 16774399	 0

 13959337

 13964717

 13970354

 13975734

 13981115

 13986751

 13992131

 13997512

 14002892

 14008529

Harmonies

Analogous

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



8934118



13959337



15532129

Triad

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



13959337



7960320



36813

Complementary

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



13959337



54572

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.



36999



13959337



1410560

Square

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



13959337



11819520



36153



35324

Rectangle

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



13959337



15073330



36153



37047

Sweetspot

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



13959337



16757743



2818261



8409718



0



8421504

Same Dimension

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



13959337



16711882



13959232



7037033



11206792



2818082

Inverse Universe

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



13959337



16711882



54677



7037033



11206792



2818082

Previews

White Background



This preview shows how the Decimal color 13959337 looks on a white background.

Color Contrast Check

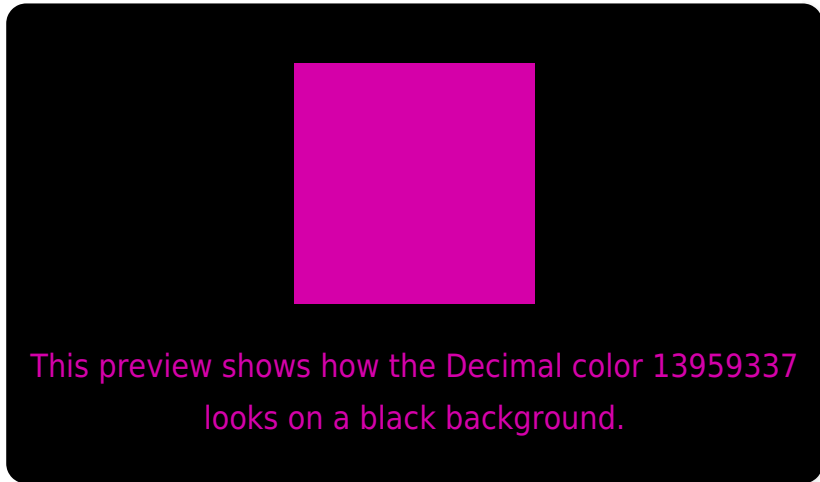
Large Text (above 18pt) WCAG AA ✓ Pass

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

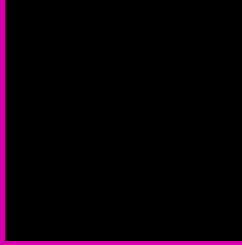
Any Text WCAG AA × Fail

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 13959337 Background



This preview shows how black text looks on a background with the Decimal color 13959337.



This preview shows how white text looks on a background with the Decimal color 13959337.

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

13959337



Protanomaly

5064662



Deuteranomaly

9456034



Tritanomaly

13642602

Monochromacy



Original Color

13959337



Achromatopsia

5460819



Achromatomaly

8533362

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13959337 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 #D500A9 looks like.

```
.text, #text, p{  
    color:#D500A9  
}
```

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 #D500A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D500A9
}
```

Border

The CSS property to change the border of an element to Decimal 13959337 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
#D500A9 }
```

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

```
.border{ border-color:#D500A9 }
```

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

Here you see how a box with a 4 pixel #D500A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D500A9; -webkit-box-shadow:4px 4px  
4px 4px #D500A9; box-shadow:4px 4px 4px  
4px #D500A9 }
```

Background

The CSS property to change the background color of an element to Decimal 13959337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D500A9 }
```

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

```
.background{ background-color:#D500A9 }
```

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