

Converting Colors

Decimal(13843936)

Have a look what the booklet for
Decimal(13843936) contains.

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Color

Decimal(13843936)

Conversions

Conversions Part 1

Format	Color
Hex	D33DE0
RGB	211, 61, 224
RGB Percent	83%, 24%, 88%
CMY	0.1725, 0.7608, 0.1216
CMYK	0.06, 0.73, 0.00, 0.12
HSL	295°, 72%, 56%
HSV	295°, 73%, 88%
XYZ	41.9873, 22.5682, 72.6641
YIQ	124.4320, 37.0770, 82.4930

Conversions

Conversions Part 2

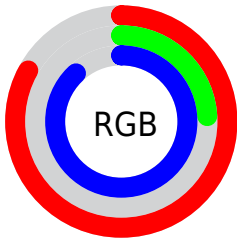
Format	Color
R _Y B	211, 61, 224
Decimal	13843936
CIE Lab	54.62, 76.38, -53.01
CIE LCh	55, 92.975, 325.239
Yxy	22.5682, 0.3060, 0.1645
Android (android.graphics.Color)	4292034016 (0xFFD33DE0)
YUV	124.4320, 49.0870, 75.9201
Hunter-Lab	47.5060, 74.6283, -57.4345

Details

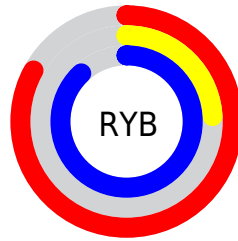
The Decimal color **13843936** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **4907069**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16743167**, and **9961640** is the 20% darker color. If you saturate the color by 10%, you get **13707232**, and if you desaturate by 10%, it is **13980640**.

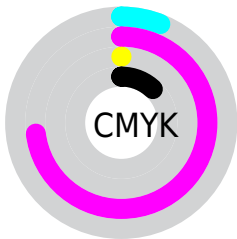
Distribution



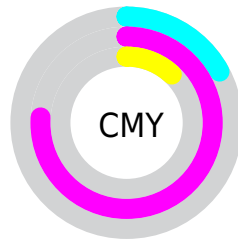
- Red (83%)
- Green (24%)
- Blue (88%)



- Red (83%)
- Yellow (24%)
- Blue (88%)



- Cyan (6%)
- Magenta (73%)
- Yellow (0%)
- Black (12%)




















- Cyan (17%)
- Magenta (76%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13843936 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 13843936 by changing the saturation by 10% instead.

 13843936	 13843936
 16777215	 11866820
 16743167	 9961640
 16750847	 8061069
 16758271	 6226035
 16765695	 4391001
 16773375	 2555969
	 42
	 276
	 0


 13843936

 13843936

 13707232

 13980640

 13570272

 14117600

 13500640

 14188768

 14325728

 14462432

 14599136

 14736096

 14807264

 14942176

Harmonies

Analogous

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



4748287



13843936



16711827

Triad

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



13843936



11172608



41926

Complementary

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



13843936



4907069

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.



41587



13843936



6066688

Square

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



13843936



14897920



40209



41215

Rectangle

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



13843936



16711774



40209



41899

Sweetspot

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



13843936



16500735



4017120



8216192



0



8421504

Same Dimension

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



13843936



15540735



14695836



7300464



10617008



2949168

Inverse Universe

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



14695754



16720179



4055169



7365990



11534350



3145732

Previews

White Background



This preview shows how the Decimal color 13843936 looks on a white background.

Color Contrast Check

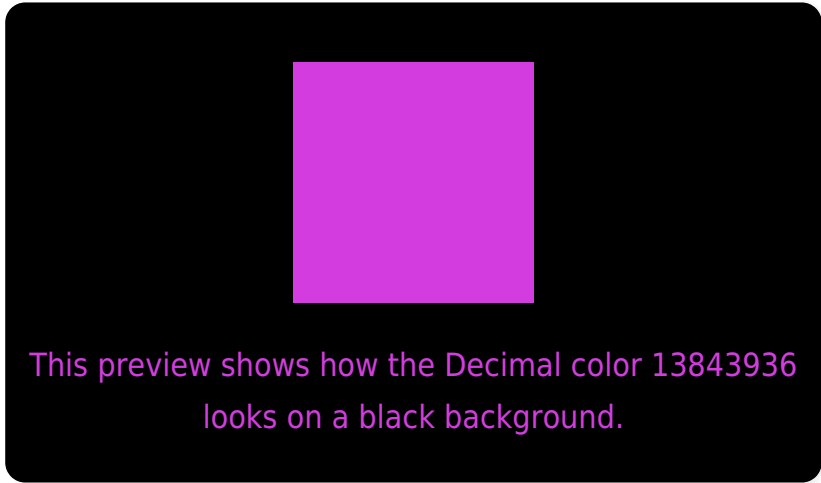
Large Text (above 18pt) WCAG AA ✓ Pass

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

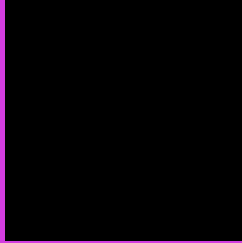
Any Text WCAG AA ✓ Pass

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 13843936 Background



This preview shows how black text looks on a background with the Decimal color 13843936.




This preview shows how white text looks on a background with the Decimal color 13843936.

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
12936813

Trichromacy



Original Color
13843936



Protanomaly
7235572



Deuteranomaly
8415961



Tritanomaly
13260695

Monochromacy



Original Color
13843936



Achromatopsia
8158332



Achromatomaly
10249632

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13843936 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 #D33DE0 looks like.

```
.text, #text, p{  
    color:#D33DE0  
}
```

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 #D33DE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33DE0
}
```

Border

The CSS property to change the border of an element to Decimal 13843936 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
#D33DE0 }
```

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

```
.border{ border-color:#D33DE0 }
```

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

Here you see how a box with a 4 pixel #D33DE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33DE0; -webkit-box-shadow:4px 4px  
4px 4px #D33DE0; box-shadow:4px 4px 4px  
4px #D33DE0 }
```

Background

The CSS property to change the background color of an element to Decimal 13843936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33DE0 }
```

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

```
.background{ background-color:#D33DE0 }
```

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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