

Converting Colors

Decimal(13843437)

Have a look what the booklet for
Decimal(13843437) contains.

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Color

Decimal(13843437)

Conversions

Conversions Part 1

Format	Color
Hex	D33BED
RGB	211, 59, 237
RGB Percent	83%, 23%, 93%
CMY	0.1725, 0.7686, 0.0706
CMYK	0.11, 0.75, 0.00, 0.07
HSL	291°, 83%, 58%
HSV	291°, 75%, 93%
XYZ	43.7140, 23.0912, 82.2738
YIQ	124.7400, 33.4540, 87.5820

Conversions

Conversions Part 2

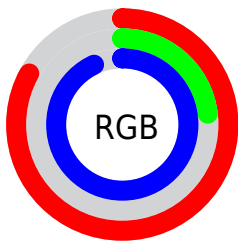
Format	Color
R _{YB}	211, 59, 237
Decimal	13843437
CIE _{Lab}	55.17, 79.20, -59.46
CIE _{LCh}	55, 99.038, 323.100
Y _{xy}	23.0912, 0.2932, 0.1549
Android (android.graphics.Color)	4292033517 (0xFFD33BED)
YUV	124.7400, 55.3442, 75.6500
Hunter-Lab	48.0533, 78.2876, -67.8752

Details

The Decimal color **13843437** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **5631291**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16742911**, and **9961652** is the 20% darker color. If you saturate the color by 10%, you get **13640685**, and if you desaturate by 10%, it is **14046189**.

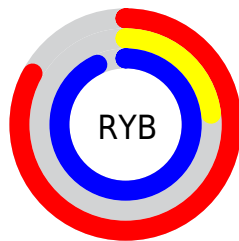
Distribution



Red (83%)

Green (23%)

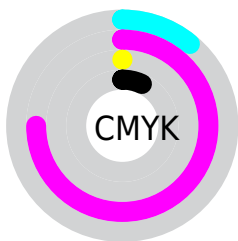
Blue (93%)



Red (83%)

Yellow (23%)

Blue (93%)

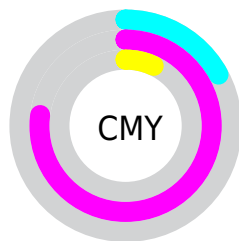


Cyan (11%)

Magenta (75%)

Yellow (0%)

Black (7%)



Cyan (17%)


















Magenta (77%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13843437 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 13843437 by changing the saturation by 10% instead.

 13843437	 13843437
 16777215	 11865040
 16742911	 9961652
 16750591	 8061081
 16758015	 6160510
 16765695	 4259940
 16773375	 2359371
	 51
	 541
	 0

■ 13843437

■ 13843437

■ 13640685

■ 14046189

■ 13372653

■ 14314221

■ 13238509

■ 14516973

■ 14785261

■ 14988013

■ 15256045

■ 15458797

■ 15727085

■ 15925229

Harmonies

Analogous

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



30719



13843437



16711836

Triad

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



13843437



11631104



42694

Complementary

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



13843437



5631291

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.



42349



13843437



6329088

Square

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



13843437



15551488



40704



41983

Rectangle

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



13843437



16711779



40704



42665

Sweetspot

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



13843437



16172287



3888877



8019072



0



8421504

Same Dimension

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



13843437



14490111



15547311



7629429



10158261



3014710

Inverse Universe

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



15547221



16718139



3927417



7694955



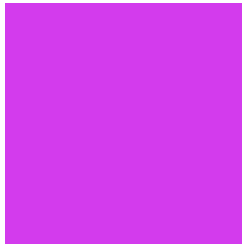
11862042



3538952

Previews

White Background



This preview shows how the Decimal color 13843437 looks on a white background.

Color Contrast Check

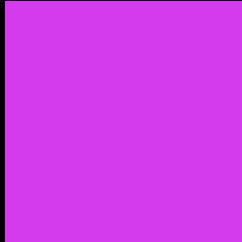
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 13843437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

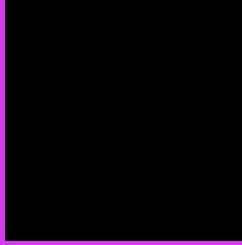
Any Text WCAG AA ✓ Pass

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 13843437 Background



This preview shows how black text looks on a background with the Decimal color 13843437.



This preview shows how white text looks on a background with the Decimal color 13843437.

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
13843437



Protanomaly
7366648



Deuteranomaly
7760869



Tritanomaly
13195422

Monochromacy



Original Color
13843437



Achromatopsia
8224125



Achromatomaly
10249638

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13843437 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 #D33BED looks like.

```
.text, #text, p{  
    color:#D33BED  
}
```

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 #D33BED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33BED
}
```

Border

The CSS property to change the border of an element to Decimal 13843437 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
#D33BED }
```

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

```
.border{ border-color:#D33BED }
```

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

Here you see how a box with a 4 pixel #D33BED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33BED; -webkit-box-shadow:4px 4px  
4px 4px #D33BED; box-shadow:4px 4px 4px  
4px #D33BED }
```

Background

The CSS property to change the background color of an element to Decimal 13843437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33BED }
```

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

```
.background{ background-color:#D33BED }
```

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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