

Converting Colors

Decimal(13500635)

Have a look what the booklet for
Decimal(13500635) contains.

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Color

Decimal(13500635)

Conversions

Conversions Part 1

Format	Color
Hex	CE00DB
RGB	206, 0, 219
RGB Percent	81%, 0%, 86%
CMY	0.1922, 1.0000, 0.1412
CMYK	0.06, 1.00, 0.00, 0.14
HSL	296°, 100%, 43%
HSV	296°, 100%, 86%
XYZ	38.2398, 18.2363, 68.5223
YIQ	86.5600, 52.4770, 111.7810

Conversions

Conversions Part 2

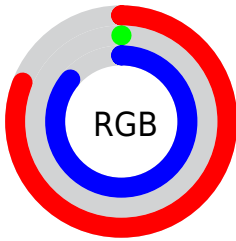
Format	Color
R_{YB}	206, 0, 219
Decimal	13500635
CIE _{Lab}	49.78, 85.57, -57.97
CIE _{LCh}	50, 103.364, 325.884
Yxy	18.2363, 0.3059, 0.1459
Android (android.graphics.Color)	4291690715 (0xFFCE00DB)
YUV	86.5600, 65.2929, 104.7489
Hunter-Lab	42.7040, 85.1081, -65.2433

Details

The Decimal color **13500635** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **908032**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16735999**, and **9568419** is the 20% darker color. If you saturate the color by 10%, you get **13500635**, and if you desaturate by 10%, it is **13571803**.

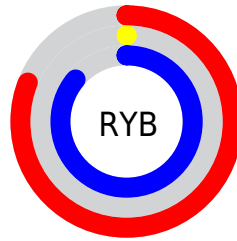
Distribution



Red (81%)

Green (0%)

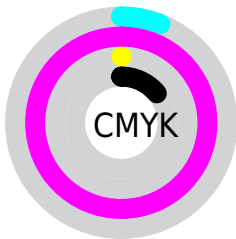
Blue (86%)



Red (81%)

Yellow (0%)

Blue (86%)

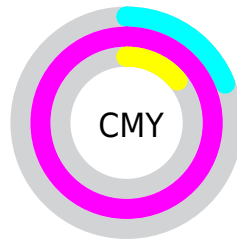


Cyan (6%)

Magenta (100%)

Yellow (0%)

Black (14%)



Cyan (19%)



















Magenta (100%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13500635 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 13500635 by changing the saturation by 10% instead.

 13500635	 13500635
 16777215	 11534527
 16735999	 9568419
 16743935	 7667848
 16751871	 5767278
 16759551	 3997781
 16767231	 1900604
 16774911	 549
	 270
	 0

 13500635

 13571803

 13708507

 13779675

 13850843

 13987547

 14058459

 14129627

 14200795

 14337499

Harmonies

Analogous

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



26111



13500635



16711815

Triad

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



13500635



10186752



39106

Complementary

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



13500635



908032

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.



38503



13500635



4294400

Square

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



13500635



14302720



37376



38399

Rectangle

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



13500635



16711758



37376



39077

Sweetspot

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



13500635



16430079



4059



8213120



0



8421504

Same Dimension

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



13500635



15728895



14352508



7168878



10682541



2818094

Inverse Universe

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



14352397



16711695



56159



7234403



11337738



3014659

Previews

White Background



This preview shows how the Decimal color 13500635 looks on a white background.

Color Contrast Check

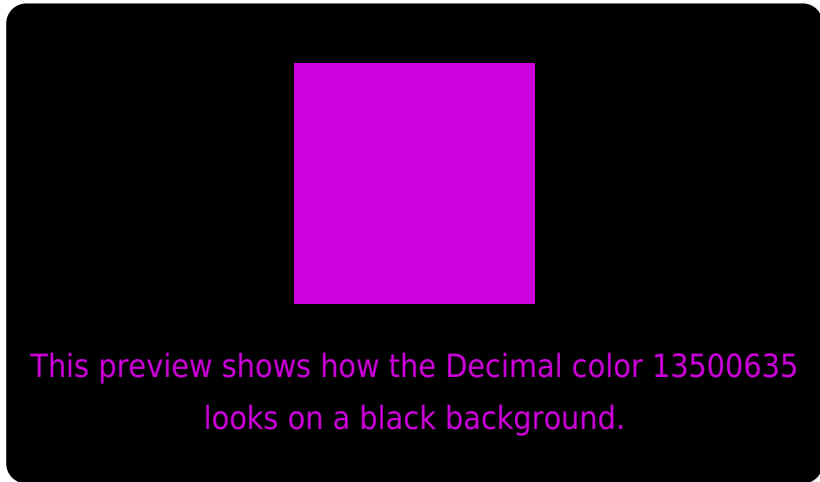
Large Text (above 18pt) WCAG AA ✓ Pass

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

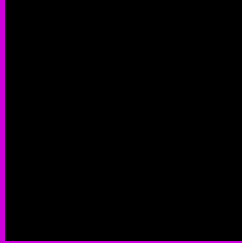
Any Text WCAG AA ✓ Pass

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 13500635 Background



This preview shows how black text looks on a background with the Decimal color 13500635.




This preview shows how white text looks on a background with the Decimal color 13500635.

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
12539484

Trichromacy



Original Color
13500635



Protanomaly
4934380



Deuteranomaly
7228883



Tritanomaly
12859274

Monochromacy



Original Color
13500635



Achromatopsia
5723991



Achromatomaly
8533895

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13500635 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 #CE00DB looks like.

```
.text, #text, p{  
    color:#CE00DB  
}
```

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 #CE00DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE00DB
}
```

Border

The CSS property to change the border of an element to Decimal 13500635 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
#CE00DB }
```

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

```
.border{ border-color:#CE00DB }
```

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

Here you see how a box with a 4 pixel #CE00DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE00DB; -webkit-box-shadow:4px 4px  
4px 4px #CE00DB; box-shadow:4px 4px 4px  
4px #CE00DB }
```

Background

The CSS property to change the background color of an element to Decimal 13500635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE00DB }
```

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

```
.background{ background-color:#CE00DB }
```

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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