

Converting Colors

Decimal(13304038)

Have a look what the booklet for
Decimal(13304038) contains.

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Color

Decimal(13304038)

Conversions

Conversions Part 1

Format	Color
Hex	CB00E6
RGB	203, 0, 230
RGB Percent	80%, 0%, 90%
CMY	0.2039, 1.0000, 0.0980
CMYK	0.12, 1.00, 0.00, 0.10
HSL	293°, 100%, 45%
HSV	293°, 100%, 90%
XYZ	38.9115, 18.4097, 76.3655
YIQ	86.9170, 47.1580, 114.5660

Conversions

Conversions Part 2

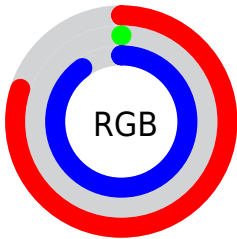
Format	Color
RYB	203, 0, 230
Decimal	13304038
CIELab	49.99, 86.83, -63.92
CIELCh	50, 107.819, 323.640
Yxy	18.4097, 0.2911, 0.1377
Android (android.graphics.Color)	4291494118 (0xFFCB00E6)
YUV	86.9170, 70.5399, 101.8048
Hunter-Lab	42.9065, 86.7937, -75.4904

Details

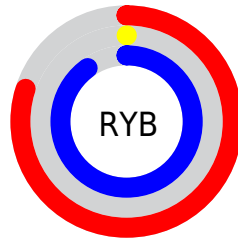
The Decimal color **13304038** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **1828352**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16735999**, and **9371821** is the 20% darker color. If you saturate the color by 10%, you get **13304038**, and if you desaturate by 10%, it is **13506534**.

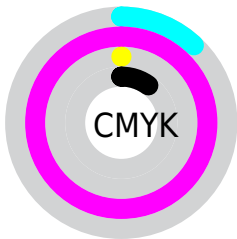
Distribution



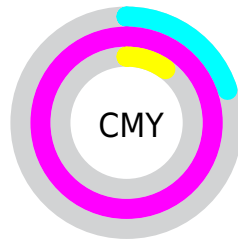
- Red (80%)
- Green (0%)
- Blue (90%)



- Red (80%)
- Yellow (0%)
- Blue (90%)



- Cyan (12%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)





















- Cyan (20%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13304038 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 13304038 by changing the saturation by 10% instead.

 13304038	 13304038
 16777215	 11337929
 16735999	 9371821
 16744191	 7471250
 16751871	 5505143
 16759551	 3735646
 16767231	 1376325
 16775167	 813
	 280
	 0

 13304038

 13506534

 13643494

 13845990

 14048486

 14185446

 14387942

 14590438

 14792934

 14929894

Harmonies

Analogous

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



27135



13304038



16711823

Triad

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



13304038



10579200



39359

Complementary

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



13304038



1828352

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.



38752



13304038



4687616

Square

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



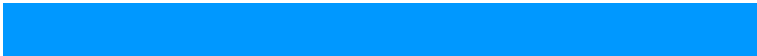
13304038



14824448



37376



39167

Rectangle

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



13304038



16711763



37376



39328

Sweetspot

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



13304038



16167935



8166



8016512



0



8421504

Same Dimension

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



13304038



14745855



15073426



7432051



10354867



2949171

Inverse Universe

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



15073307



16711710



58964



7563113



11730965



3342342

Previews

White Background



This preview shows how the Decimal color 13304038 looks on a white background.

Color Contrast Check

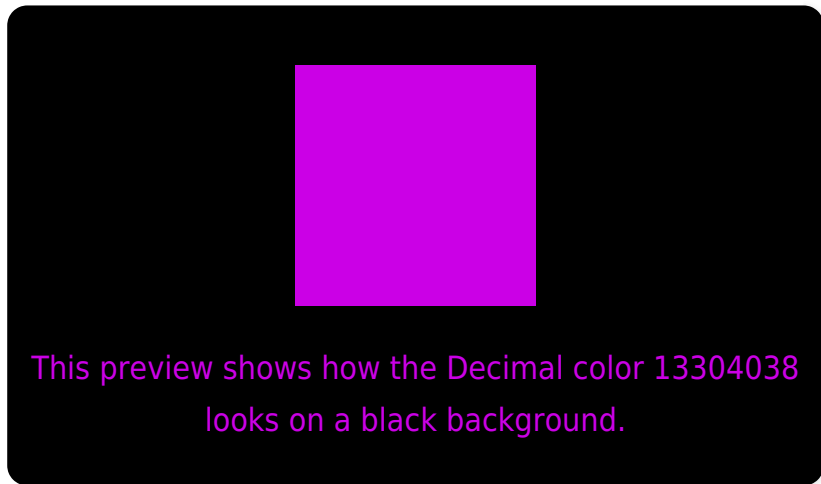
Large Text (above 18pt) WCAG AA ✓ Pass

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

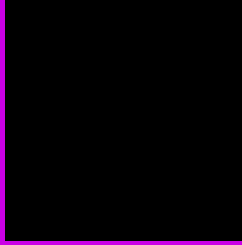
Any Text WCAG AA ✓ Pass

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 13304038 Background



This preview shows how black text looks on a background with the Decimal color 13304038.



This preview shows how white text looks on a background with the Decimal color 13304038.

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
13304038



Protanomaly
4868848



Deuteranomaly
5721821



Tritanomaly
12597649

Monochromacy



Original Color
13304038



Achromatopsia
5723991



Achromatomaly
8468363

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13304038 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 #CB00E6 looks like.

```
.text, #text, p{  
  color:#CB00E6  
}
```

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 #CB00E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB00E6
}
```

Border

The CSS property to change the border of an element to Decimal 13304038 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".

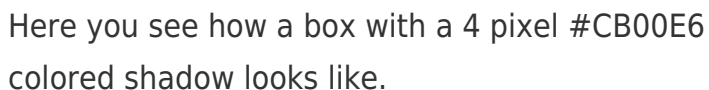
```
.border, #border, table{ border:4px solid
#CB00E6 }
```

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

```
.border{ border-color:#CB00E6 }
```

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

Here you see how a box with a 4 pixel #CB00E6 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB00E6; -webkit-box-shadow:4px 4px  
4px 4px #CB00E6; box-shadow:4px 4px 4px  
4px #CB00E6 }
```

Background

The CSS property to change the background color of an element to Decimal 13304038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB00E6 }
```

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

```
.background{ background-color:#CB00E6 }
```

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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