

Converting Colors

Decimal(13121466)

Have a look what the booklet for
Decimal(13121466) contains.

Decimal(13121466)	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(13121466)

Conversions

Conversions Part 1

Format	Color
Hex	C837BA
RGB	200, 55, 186
RGB Percent	78%, 22%, 73%
CMY	0.2157, 0.7843, 0.2706
CMYK	0.00, 0.72, 0.07, 0.22
HSL	306°, 57%, 50%
HSV	306°, 72%, 78%
XYZ	34.0485, 18.5569, 48.2417
YIQ	113.2890, 44.3690, 71.4810

Conversions

Conversions Part 2

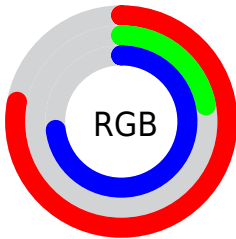
Format	Color
R_{YB}	200, 55, 186
Decimal	13121466
CIE _{Lab}	50.16, 69.91, -38.39
CIE _{LCh}	50, 79.760, 331.226
Yxy	18.5569, 0.3376, 0.1840
Android (android.graphics.Color)	4291311546 (0xFFC837BA)
YUV	113.2890, 35.8465, 76.0455
Hunter-Lab	43.0777, 65.6999, -36.2430

Details

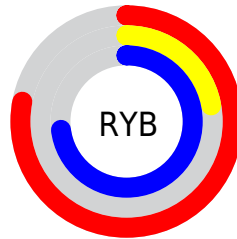
The Decimal color **13121466** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **3655749**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16741363**, and **9306244** is the 20% darker color. If you saturate the color by 10%, you get **13116344**, and if you desaturate by 10%, it is **13126588**.

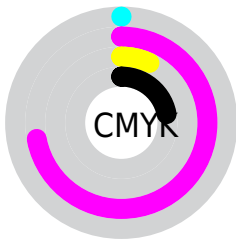
Distribution



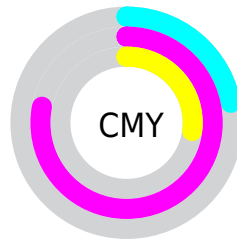
- Red (78%)
- Green (22%)
- Blue (73%)



- Red (78%)
- Yellow (22%)
- Blue (73%)



- Cyan (0%)
- Magenta (72%)
- Yellow (7%)
- Black (22%)




- Cyan (22%)
- Magenta (78%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13121466 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 13121466 by changing the saturation by 10% instead.

 13121466

 13121466

16777215

 11209375

 16741363

 9306244

 16748799

 7471211

 16756223

 5636178

 16763647


 3997754


 16771327

 2031652

 10

 0

 13121466

 13121466

■ 13116344

■ 13126588

■ 13111222

■ 13131710

■ 13107381

■ 13136832

■ 13141954

■ 13147076

■ 13152198

■ 13157320

■ 13162441

■ 13167563

Harmonies

Analogous

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



7365613



13121466



15270008

Triad

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



13121466



9401856



38077

Complementary

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



13121466



3655749

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.



37752



13121466



4753152

Square

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



13121466



12802304



36911



36591

Rectangle

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



13121466



15276107



36911



38055

Sweetspot

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



13121466



16762874



4405192



8412796



0



8421504

Same Dimension

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



13121466



16720362



13121395



6511202



10682515



2359328

Inverse Universe

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



13121466



16720362



3655820



6511202



10682515



2359328

Previews

White Background



This preview shows how the Decimal color 13121466 looks on a white background.

Color Contrast Check

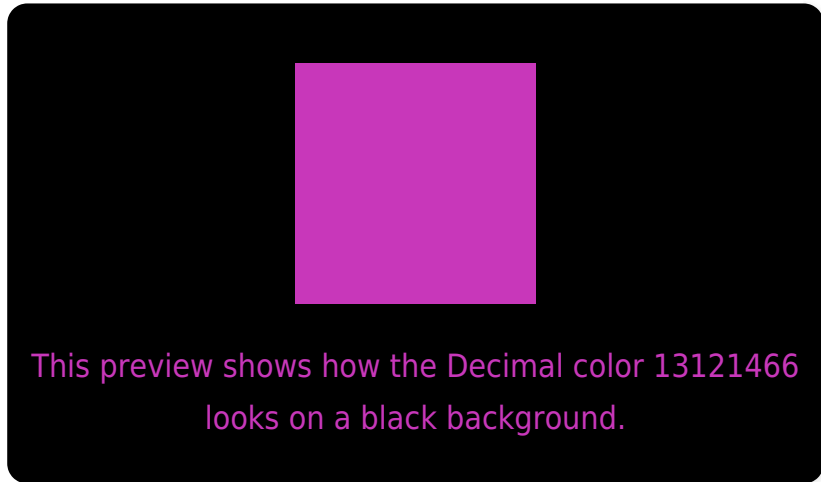
Large Text (above 18pt) WCAG AA ✓ Pass

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

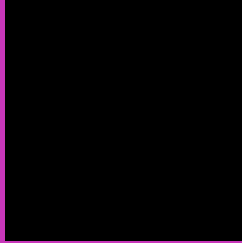
Any Text WCAG AA ✓ Pass

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 13121466 Background



This preview shows how black text looks on a background with the Decimal color 13121466.



This preview shows how white text looks on a background with the Decimal color 13121466.

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
13121466



Protanomaly
6184669



Deuteranomaly
8806580



Tritanomaly
12733311

Monochromacy



Original Color
13121466



Achromatopsia
7434609



Achromatomaly
9526412

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13121466 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 #C837BA looks like.

```
.text, #text, p{  
  color:#C837BA  
}
```

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 #C837BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C837BA
}
```

Border

The CSS property to change the border of an element to Decimal 13121466 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
#C837BA }
```

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

```
.border{ border-color:#C837BA }
```

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

Here you see how a box with a 4 pixel #C837BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C837BA; -webkit-box-shadow:4px 4px  
4px 4px #C837BA; box-shadow:4px 4px 4px  
4px #C837BA }
```

Background

The CSS property to change the background color of an element to Decimal 13121466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C837BA }
```

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

```
.background{ background-color:#C837BA }
```

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