

Converting Colors

Decimal(13126332)

Have a look what the booklet for
Decimal(13126332) contains.

Decimal(13126332)	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(13126332)

Conversions

Conversions Part 1

Format	Color
Hex	C84ABC
RGB	200, 74, 188
RGB Percent	78%, 29%, 74%
CMY	0.2157, 0.7098, 0.2627
CMYK	0.00, 0.63, 0.06, 0.22
HSL	306°, 53%, 54%
HSV	306°, 63%, 78%
XYZ	35.3453, 20.8078, 49.7303
YIQ	124.6700, 38.5020, 62.1660

Conversions

Conversions Part 2

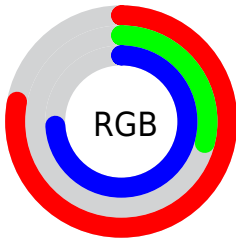
Format	Color
RYB	200, 74, 188
Decimal	13126332
CIELab	52.74, 63.27, -35.51
CIELCh	53, 72.553, 330.699
Yxy	20.8078, 0.3338, 0.1965
Android (android.graphics.Color)	4291316412 (0xFFC84ABC)
YUV	124.6700, 31.2217, 66.0644
Hunter-Lab	45.6155, 58.4840, -32.7075

Details

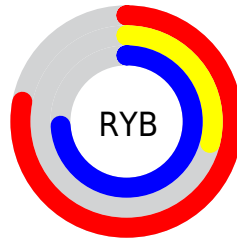
The Decimal color **13126332** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **4900950**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16745205**, and **9371782** is the 20% darker color. If you saturate the color by 10%, you get **13121210**, and if you desaturate by 10%, it is **13131454**.

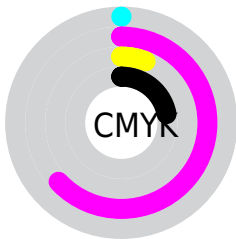
Distribution



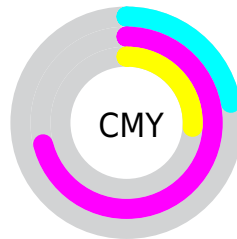
- Red (78%)
- Green (29%)
- Blue (74%)



- Red (78%)
- Yellow (29%)
- Blue (74%)



- Cyan (0%)
- Magenta (63%)
- Yellow (6%)
- Black (22%)





- Cyan (22%)
- Magenta (71%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13126332 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 13126332 by changing the saturation by 10% instead.

 13126332

 13126332

16777215

 11217825

 16745205

 9371782

 16752639

 7536749

 16759807

 5701716

 16767231


 4063292

 16774911

 2293798

 270


 0

 13126332


 13126332

 13121210

 13131454

 13116088

 13136576


 13110966

 13141698

 13107381

 13146820

 13151942

 13157063

 13162185

 13167307

 13172429

Harmonies

Analogous

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



7957738



13126332



15216767

Triad

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



13126332



9927680



39356

Complementary

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



13126332



4900950

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.



39294



13126332



5803008

Square

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



13126332



13066752



38204



37867

Rectangle

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



13126332



15284310



38204



39336

Sweetspot

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



13126332



16764922



5589704



8413821



0



8421504

Same Dimension

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



13126332



16727533



13126270



6511203



10682516



2359328

Inverse Universe

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



13126332



16727533



4901012



6511203



10682516



2359328

Previews

White Background



This preview shows how the Decimal color 13126332 looks on a white background.

Color Contrast Check

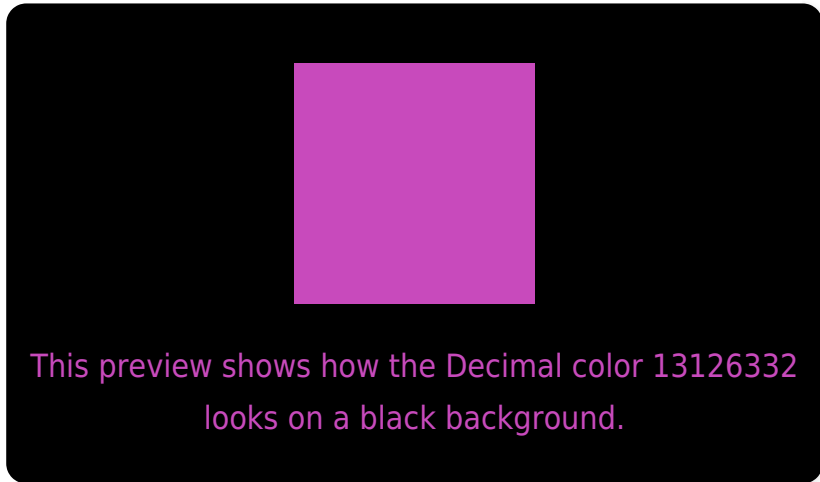
Large Text (above 18pt) WCAG AA ✓ Pass

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

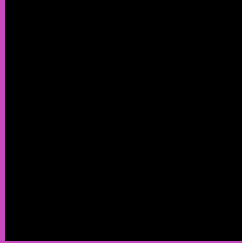
Any Text WCAG AA ✓ Pass

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 13126332 Background



This preview shows how black text looks on a background with the Decimal color 13126332.



This preview shows how white text looks on a background with the Decimal color 13126332.

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
13126332



Protanomaly
7825879



Deuteranomaly
9202359



Tritanomaly
12736903

Monochromacy



Original Color
13126332



Achromatopsia
8224125



Achromatomaly
9988756

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13126332 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 #C84ABC looks like.

```
.text, #text, p{  
  color:#C84ABC  
}
```

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 #C84ABC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C84ABC
}
```

Border

The CSS property to change the border of an element to Decimal 13126332 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
#C84ABC }
```

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

```
.border{ border-color:#C84ABC }
```

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

Here you see how a box with a 4 pixel #C84ABC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C84ABC; -webkit-box-shadow:4px 4px  
4px 4px #C84ABC; box-shadow:4px 4px 4px  
4px #C84ABC }
```

Background

The CSS property to change the background color of an element to Decimal 13126332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C84ABC }
```

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

```
.background{ background-color:#C84ABC }
```

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