

# Converting Colors

Decimal(13126882)

Have a look what the booklet for  
Decimal(13126882) contains.

<b>Decimal(13126882)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13126882)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C84CE2
RGB	200, 76, 226
RGB Percent	78%, 30%, 89%
CMY	0.2157, 0.7020, 0.1137
CMYK	0.12, 0.66, 0.00, 0.11
HSL	290°, 72%, 59%
HSV	290°, 66%, 89%
XYZ	40.1313, 22.9392, 74.2641
YIQ	130.1760, 25.7540, 72.9380

# Conversions

## Conversions Part 2

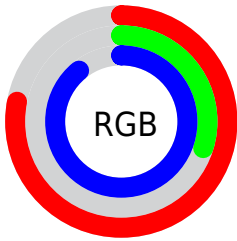
Format	Color
R <sub>YB</sub>	200, 76, 226
Decimal	13126882
CIE Lab	55.01, 69.03, -53.62
CIE LCh	55, 87.406, 322.161
Yxy	22.9392, 0.2922, 0.1670
Android (android.graphics.Color)	4291316962 (0xFFC84CE2)
YUV	130.1760, 47.2412, 61.2356
Hunter-Lab	47.8949, 65.7497, -58.4064

# Details

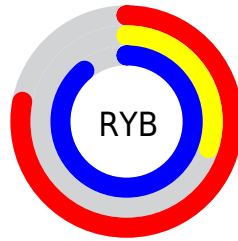
The Decimal color **13126882** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **6742604**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16745983**, and **9306282** is the 20% darker color. If you saturate the color by 10%, you get **12858850**, and if you desaturate by 10%, it is **13394914**.

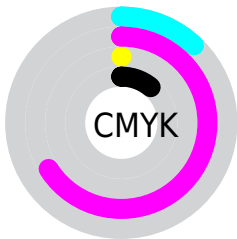
# Distribution



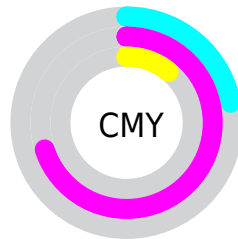
- Red (78%)
- Green (30%)
- Blue (89%)



- Red (78%)
- Yellow (30%)
- Blue (89%)



- Cyan (12%)
- Magenta (66%)
- Yellow (0%)
- Black (11%)



















- Cyan (22%)
- Magenta (70%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13126882 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 13126882 by changing the saturation by 10% instead.



 13126882	 13126882
16777215	 11218374
 16745983	 9306282
 16753407	 7471247
 16760575	 5636213
 16768255	 3801179
 16775679	 1966147
	 43
	 278
	 0

■ 13126882

■ 13126882

■ 12858850

■ 13394914

■ 12591074

■ 13662690

■ 12323042

■ 13930722

■ 12255458

■ 14198498

■ 14466530

■ 14734562

■ 14936802

■ 15204322

■ 15466466

# Harmonies

## Analogous

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



3570175



13126882



16515227

# Triad

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



13126882



11565568



41915

# Complementary

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



13126882



6742604

# 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.



41581



13126882



6983680

# Square

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



13126882



15029248



39953



41212

# Rectangle

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



13126882



16711785



39953



41890



# Sweetspot

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



13126882



16174335



5007586



8020352



0



8421504



# Same Dimension

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



13126882



14431231



14830771



7234928



9502896



2621488



# Inverse Universe

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



14830694



16724822



5038716



7365991



11534366

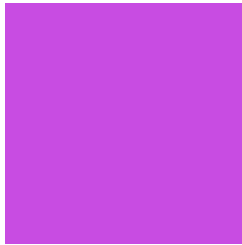


3145736



# Previews

## White Background



This preview shows how the Decimal color 13126882 looks on a white background.

## Color Contrast Check

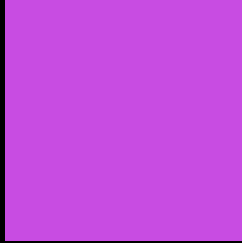
Large Text (above 18pt) WCAG AA ✓ Pass

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 13126882 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

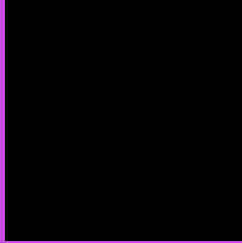
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13126882 Background



This preview shows how black text looks on a background with the Decimal color 13126882.



This preview shows how white text looks on a background with the Decimal color 13126882.

# 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**  
12217974

# Trichromacy



**Original Color**

13126882



**Protanomaly**

7106036



**Deuteranomaly**

8089820



**Tritanomaly**

12542621

# Monochromacy



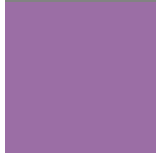
**Original Color**

13126882



**Achromatopsia**

8553090



**Achromatomaly**

10186405

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13126882 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 #C84CE2 looks like.

```
.text, #text, p{  
    color:#C84CE2  
}
```

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 #C84CE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C84CE2
}
```

## Border

The CSS property to change the border of an element to Decimal 13126882 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
#C84CE2 }
```

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

```
.border{ border-color:#C84CE2 }
```

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

Here you see how a box with a 4 pixel #C84CE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C84CE2; -webkit-box-shadow:4px 4px  
4px 4px #C84CE2; box-shadow:4px 4px 4px  
4px #C84CE2 }
```

# Background

The CSS property to change the background color of an element to Decimal 13126882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C84CE2 }
```

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

```
.background{ background-color:#C84CE2 }
```

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