

# Converting Colors

Decimal(13126622)

Have a look what the booklet for  
Decimal(13126622) contains.

<b>Decimal(13126622)</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(13126622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C84BDE
RGB	200, 75, 222
RGB Percent	78%, 29%, 87%
CMY	0.2157, 0.7059, 0.1294
CMYK	0.10, 0.66, 0.00, 0.13
HSL	291°, 69%, 58%
HSV	291°, 66%, 87%
XYZ	39.5203, 22.5854, 71.3837
YIQ	129.1330, 27.3130, 72.2170

# Conversions

## Conversions Part 2

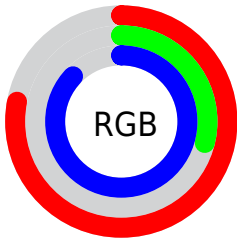
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 75, 222
Decimal	13126622
CIE <sub>Lab</sub>	54.64, 68.70, -51.95
CIE <sub>LCh</sub>	55, 86.125, 322.904
Yxy	22.5854, 0.2961, 0.1692
Android (android.graphics.Color)	4291316702 (0xFFC84BDE)
YUV	129.1330, 45.7834, 62.1504
Hunter-Lab	47.5241, 65.2705, -55.7897

# Details

The Decimal color **13126622** 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 **6413899**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16745727**, and **9306278** is the 20% darker color. If you saturate the color by 10%, you get **12924382**, and if you desaturate by 10%, it is **13328862**.

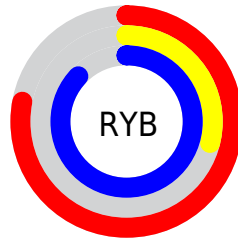
# Distribution



Red (78%)

Green (29%)

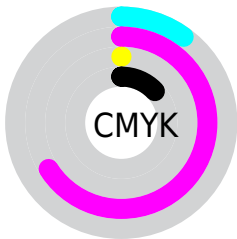
Blue (87%)



Red (78%)

Yellow (29%)

Blue (87%)

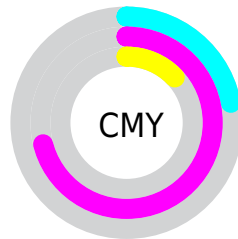


Cyan (10%)

Magenta (66%)

Yellow (0%)

Black (13%)



Cyan (22%)

Magenta (71%)


















Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13126622 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 13126622 by changing the saturation by 10% instead.



 13126622	 13126622
 16777215	 11218114
 16745727	 9306278
 16753151	 7471243
 16760575	 5636209
 16767999	 3866712
 16775423	 2031680
	 296
	 274
	 0

 13126622

 13126622

 12924382

 13328862

 12656606

 13596638

 12454110

 13799134

 12386526


 14001374

 14269150

 14471390

 14673630

 14941662

 15138782

# Harmonies

## Analogous

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



4290559



13126622



16384152

# Triad

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



13126622



11434496



41659

# Complementary

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



13126622



6413899

# 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.



41326



13126622



6852608

# Square

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



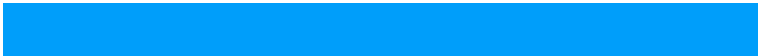
13126622



14832896



39703



40698

# Rectangle

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



13126622



16711782



39703



41634



# Sweetspot

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



13126622



16239871



4940254



8085888



0



8421504



# Same Dimension

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



13126622



14759679



14568363



7300464



9830576



2687024



# Inverse Universe

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



14568289



16725588



4972158



7365991



11534362

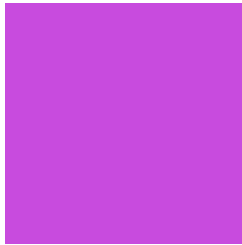


3145735



# Previews

## White Background



This preview shows how the Decimal color 13126622 looks on a white background.

## Color Contrast Check

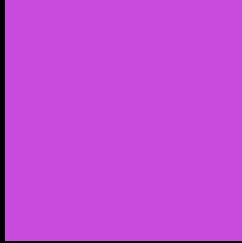
Large Text (above 18pt) WCAG AA ✓ Pass

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 13126622 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

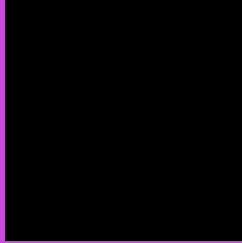
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13126622 Background



This preview shows how black text looks on a background with the Decimal color 13126622.




This preview shows how white text looks on a background with the Decimal color 13126622.

# 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



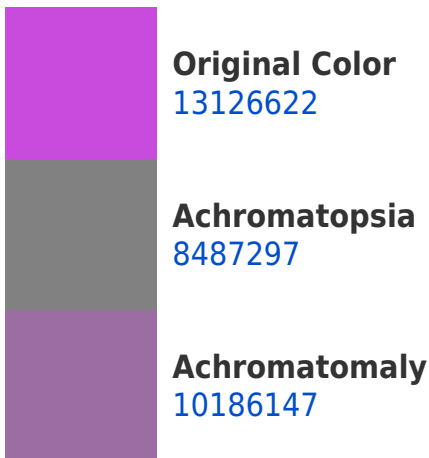


**Tritanopia**  
12217460

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13126622 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 #C84BDE looks like.

```
.text, #text, p{  
    color:#C84BDE  
}
```

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 #C84BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C84BDE
}
```

## Border

The CSS property to change the border of an element to Decimal 13126622 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
#C84BDE }
```

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

```
.border{ border-color:#C84BDE }
```

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

Here you see how a box with a 4 pixel #C84BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C84BDE; -webkit-box-shadow:4px 4px  
4px 4px #C84BDE; box-shadow:4px 4px 4px  
4px #C84BDE }
```

# Background

The CSS property to change the background color of an element to Decimal 13126622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C84BDE }
```

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

```
.background{ background-color:#C84BDE }
```

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