

Converting Colors

Decimal(13138894)

Have a look what the booklet for
Decimal(13138894) contains.

Decimal(13138894)	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(13138894)

Conversions

Conversions Part 1

Format	Color
Hex	C87BCE
RGB	200, 123, 206
RGB Percent	78%, 48%, 81%
CMY	0.2157, 0.5176, 0.1922
CMYK	0.03, 0.40, 0.00, 0.19
HSL	296°, 46%, 65%
HSV	296°, 40%, 81%
XYZ	42.0430, 30.9015, 62.1412
YIQ	155.4850, 19.2490, 42.1370

Conversions

Conversions Part 2

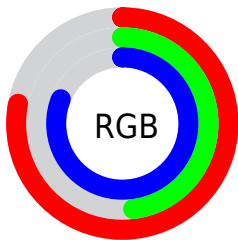
Format	Color
R _{YB}	200, 123, 206
Decimal	13138894
CIE _{Lab}	62.42, 42.93, -30.68
CIE _{LCh}	62, 52.768, 324.448
Yxy	30.9015, 0.3112, 0.2288
Android (android.graphics.Color)	4291328974 (0xFFC87BCE)
YUV	155.4850, 24.9039, 39.0397
Hunter-Lab	55.5891, 37.7215, -27.3659

Details

The Decimal color **13138894** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8507003**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16757247**, and **9455511** is the 20% darker color. If you saturate the color by 10%, you get **13067982**, and if you desaturate by 10%, it is **13209806**.

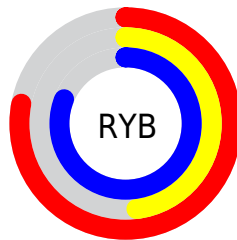
Distribution



Red (78%)

Green (48%)

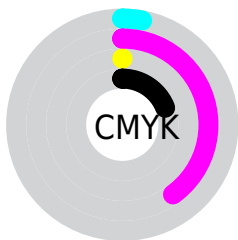
Blue (81%)



Red (78%)

Yellow (48%)

Blue (81%)

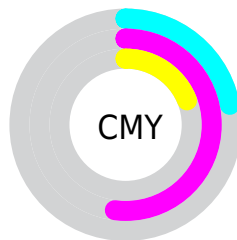


Cyan (3%)

Magenta (40%)

Yellow (0%)

Black (19%)



Cyan (22%)















Magenta (52%)


Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 13138894 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 13138894 by changing the saturation by 10% instead.

 13138894	 13138894
16777215	 11297202
 16757247	 9455511
 16764415	 7745149
 16771839	 6034276
	 4325452
	 2818101
	 393247
	 1
	 0

 13138894

 13138894

 13067982

 13209806

 12931790

 13345998

 12860878

 13416910

 12724686

 13553102

 12653774

 13624014

 12517582

 13760462

 13828046

 13959118

 14024654

Harmonies

Analogous

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



9080556



13138894



15232674

Triad

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



13138894



12095797



44732

Complementary

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



13138894



8507003

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.



44684



13138894



9150524

Square

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



13138894



14385227



5286238



43490

Rectangle

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



13138894



15625858



5286238



44717

Sweetspot

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



13138894



16638207



8094414



8285824



0



8421504

Same Dimension

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



13138894



16156159



13532075



6642790



10092710



2293798

Inverse Universe

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



13532033



16745869



8113822



6708317



10878988



2490371

Previews

White Background



This preview shows how the Decimal color 13138894 looks on a white background.

Color Contrast Check

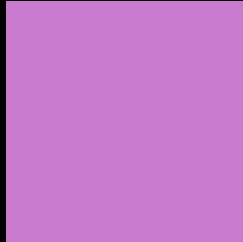
Large Text (above 18pt) WCAG AA × Fail

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 13138894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

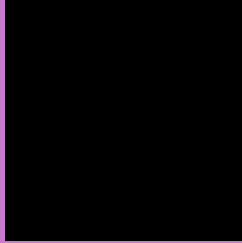
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 13138894 Background



This preview shows how black text looks on a background with the Decimal color 13138894.




This preview shows how white text looks on a background with the Decimal color 13138894.

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
12617874

Trichromacy



Original Color
13138894



Protanomaly
9997531



Deuteranomaly
10587339

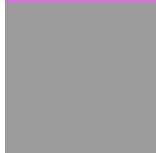


Tritanomaly
12813224

Monochromacy



Original Color
13138894



Achromatopsia
10197915



Achromatomaly
11243438

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13138894 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 #C87BCE looks like.

```
.text, #text, p{  
    color:#C87BCE  
}
```

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 #C87BCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87BCE
}
```

Border

The CSS property to change the border of an element to Decimal 13138894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

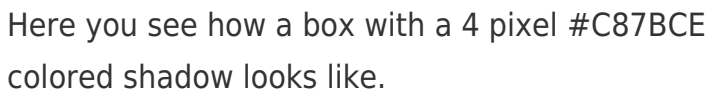
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C87BCE }
```

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

```
.border{ border-color:#C87BCE }
```

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



Here you see how a box with a 4 pixel `#C87BCE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87BCE; -webkit-box-shadow:4px 4px  
4px 4px #C87BCE; box-shadow:4px 4px 4px  
4px #C87BCE }
```

Background

The CSS property to change the background color of an element to Decimal 13138894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87BCE }
```

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

```
.background{ background-color:#C87BCE }
```

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