

Converting Colors

Decimal(13141700)

Have a look what the booklet for
Decimal(13141700) contains.

Decimal(13141700)	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(13141700)

Conversions

Conversions Part 1

Format	Color
Hex	C886C4
RGB	200, 134, 196
RGB Percent	78%, 53%, 77%
CMY	0.2157, 0.4745, 0.2314
CMYK	0.00, 0.33, 0.02, 0.22
HSL	304°, 37%, 65%
HSV	304°, 33%, 78%
XYZ	42.3083, 33.3151, 56.4251
YIQ	160.8020, 19.4340, 33.2740

Conversions

Conversions Part 2

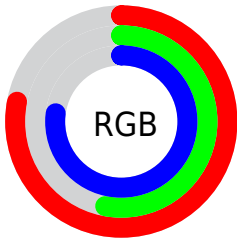
Format	Color
R_{YB}	200, 134, 196
Decimal	13141700
CIE _{Lab}	64.42, 35.15, -22.00
CIE _{LCh}	64, 41.466, 327.960
Yxy	33.3151, 0.3204, 0.2523
Android (android.graphics.Color)	4291331780 (0xFFC886C4)
YUV	160.8020, 17.3526, 34.3766
Hunter-Lab	57.7192, 29.8323, -17.5572

Details

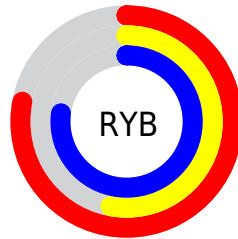
The Decimal color **13141700** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8833162**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **16760061**, and **9524110** is the 20% darker color. If you saturate the color by 10%, you get **13136579**, and if you desaturate by 10%, it is **13146821**.

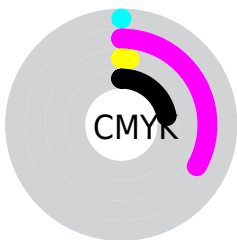
Distribution



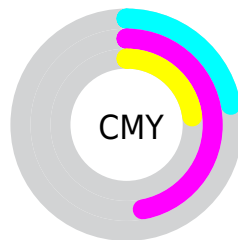
- Red (78%)
- Green (53%)
- Blue (77%)



- Red (78%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (33%)
- Yellow (2%)
- Black (22%)





- Cyan (22%)
- Magenta (47%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13141700 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 13141700 by changing the saturation by 10% instead.

 13141700

 13141700

16777215

 11300009

 16760061

 9524110

 16767231

 7748212

 16774655

 6103644


 4458564

 2949165

 917528


 0

 13141700

 13141700

 13136579

 13146821

 13131458

 13151942

 13126336


 13157064

 13121215

 13162185

 13116094

 13167306

 13110973

 13172427

 13107388

 13172684

 13172686

 13172687

Harmonies

Analogous

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



10261726



13141700



14646944

Triad

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



13141700



11901265



44990

Complementary

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



13141700



8833162

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.



2011032



13141700



9479257

Square

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



13141700



13798494



6532212



43738

Rectangle

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



13141700



14909319



6532212



44978

Sweetspot

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



13141700



16770813



9012936



8417407



0



8421504

Same Dimension

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



13141700



16751097



13141668



6511203



10682521



2359330

Inverse Universe

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



13141700



16751097



8833194



6511203



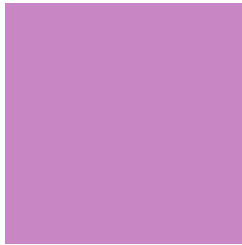
10682521



2359330

Previews

White Background



This preview shows how the Decimal color 13141700 looks on a white background.

Color Contrast Check

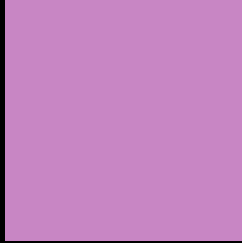
Large Text (above 18pt) WCAG AA × Fail

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 13141700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

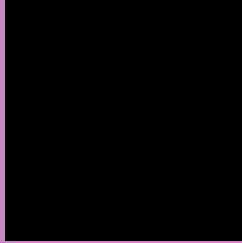
Any Text WCAG AA ✓ Pass

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 13141700 Background



This preview shows how black text looks on a background with the Decimal color 13141700.

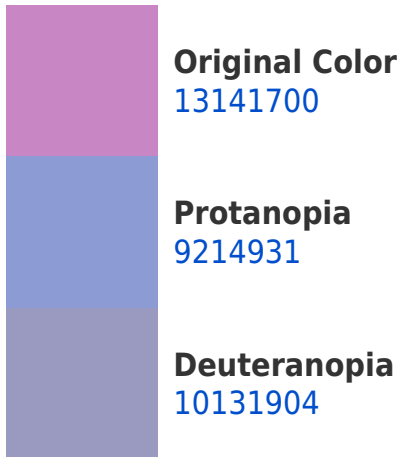


This preview shows how white text looks on a background with the Decimal color 13141700.

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
12750489

Trichromacy



Original Color
13141700



Protanomaly
10654670



Deuteranomaly
11244225

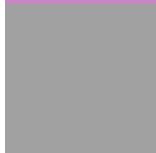


Tritanomaly
12880809

Monochromacy



Original Color
13141700



Achromatopsia
10592673



Achromatomaly
11507630

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13141700 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 #C886C4 looks like.

```
.text, #text, p{  
    color:#C886C4  
}
```

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 #C886C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C886C4
}
```

Border

The CSS property to change the border of an element to Decimal 13141700 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
#C886C4 }
```

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

```
.border{ border-color:#C886C4 }
```

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

Here you see how a box with a 4 pixel #C886C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C886C4; -webkit-box-shadow:4px 4px  
4px 4px #C886C4; box-shadow:4px 4px 4px  
4px #C886C4 }
```

Background

The CSS property to change the background color of an element to Decimal 13141700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C886C4 }
```

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

```
.background{ background-color:#C886C4 }
```

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