

Converting Colors

Decimal(13407680)

Have a look what the booklet for
Decimal(13407680) contains.

Decimal(13407680)	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(13407680)

Conversions

Conversions Part 1

Format	Color
Hex	CC95C0
RGB	204, 149, 192
RGB Percent	80%, 58%, 75%
CMY	0.2000, 0.4157, 0.2471
CMYK	0.00, 0.27, 0.06, 0.20
HSL	313°, 35%, 69%
HSV	313°, 27%, 80%
XYZ	45.1637, 38.1380, 54.8502
YIQ	170.3470, 18.9770, 25.0330

Conversions

Conversions Part 2

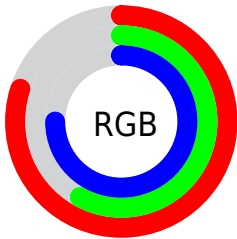
Format	Color
R_{YB}	204, 149, 192
Decimal	13407680
CIE _{Lab}	68.12, 27.57, -14.10
CIE _{LCh}	68, 30.969, 332.920
Yxy	38.1380, 0.3269, 0.2761
Android (android.graphics.Color)	4291597760 (0xFFCC95C0)
YUV	170.3470, 10.6749, 29.5137
Hunter-Lab	61.7560, 22.4685, -9.4307

Details

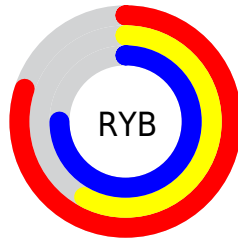
The Decimal color **13407680** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9817249**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16764152**, and **9790090** is the 20% darker color. If you saturate the color by 10%, you get **13402556**, and if you desaturate by 10%, it is **13412804**.

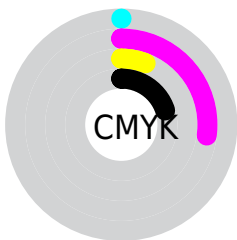
Distribution



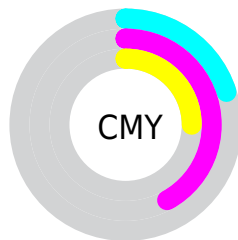
- Red (80%)
- Green (58%)
- Blue (75%)



- Red (80%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13407680 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 13407680 by changing the saturation by 10% instead.

 13407680

 13407680

16777215

 11565989

 16764152

 9790090

 16771327

 8079729

 6369624

 4791105

 3212331

 1835030

 0

 13407680

 13407680

 13402556

 13412804

 13397175

 13418185

 13392051

 13423309

 13386670

 13428690

 13381546

 13433814

 13376421

 13434843

 13371041

 13434847

 13369503

 13434852

 13434856

Harmonies

Analogous

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



11378389



13407680



14455204

Triad

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



13407680



12035438



4764867

Complementary

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



13407680



9817249

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.



5879208



13407680



10071414

Square

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



13407680



13606005



7910284



6074583

Rectangle

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



13407680



14586514



7910284



4896187

Sweetspot

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



13407680



16772091



10589644



8418173



0



8421504

Same Dimension

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



13407680



16756205



13407653



6708324



10879106



2490398

Inverse Universe

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



13407680



16756205



9817276



6708324



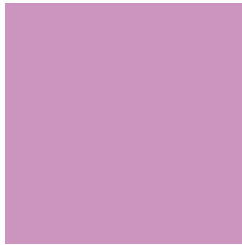
10879106



2490398

Previews

White Background



This preview shows how the Decimal color 13407680 looks on a white background.

Color Contrast Check

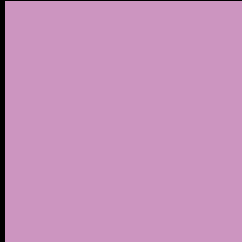
Large Text (above 18pt) WCAG AA × Fail

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 13407680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

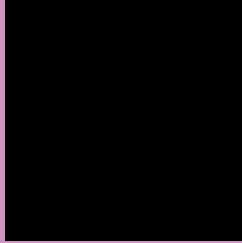
Any Text WCAG AA ✓ Pass

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 13407680 Background



This preview shows how black text looks on a background with the Decimal color 13407680.

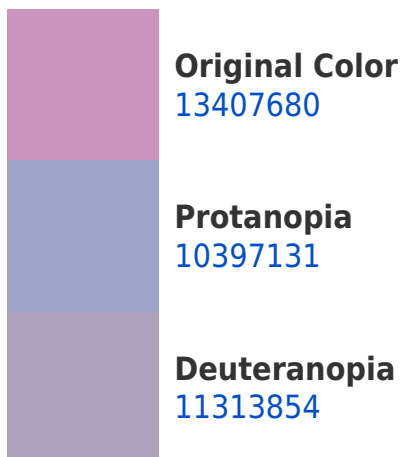



This preview shows how white text looks on a background with the Decimal color 13407680.

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
13212326

Trichromacy



Original Color

13407680



Protanomaly

11509703



Deuteranomaly

12099007



Tritanomaly

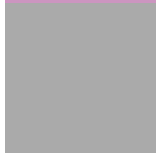
13277359

Monochromacy



Original Color

13407680



Achromatopsia

11184810



Achromatomaly

11969202

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13407680 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 #CC95C0 looks like.

```
.text, #text, p{  
    color:#CC95C0  
}
```

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 #CC95C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC95C0
}
```

Border

The CSS property to change the border of an element to Decimal 13407680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

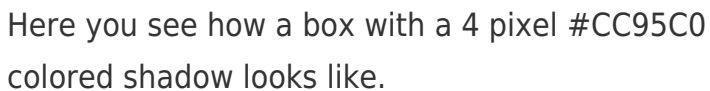
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC95C0 }
```

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

```
.border{ border-color:#CC95C0 }
```

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



Here you see how a box with a 4 pixel `#CC95C0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC95C0; -webkit-box-shadow:4px 4px  
4px 4px #CC95C0; box-shadow:4px 4px 4px  
4px #CC95C0 }
```

Background

The CSS property to change the background color of an element to Decimal 13407680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC95C0 }
```

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

```
.background{ background-color:#CC95C0 }
```

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