

Converting Colors

Decimal(13016246)

Have a look what the booklet for
Decimal(13016246) contains.

Decimal(13016246)	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(13016246)

Conversions

Conversions Part 1

Format	Color
Hex	C69CB6
RGB	198, 156, 182
RGB Percent	78%, 61%, 71%
CMY	0.2235, 0.3882, 0.2863
CMYK	0.00, 0.21, 0.08, 0.22
HSL	323°, 27%, 69%
HSV	323°, 21%, 78%
XYZ	43.6207, 39.1601, 49.5156
YIQ	171.5220, 16.6860, 16.9900

Conversions

Conversions Part 2

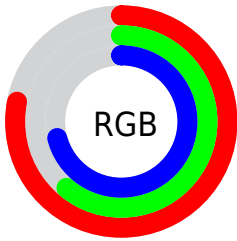
Format	Color
R_{YB}	198, 156, 182
Decimal	13016246
CIE Lab	68.87, 19.87, -7.48
CIE LCh	69, 21.229, 339.375
Yxy	39.1601, 0.3297, 0.2960
Android (android.graphics.Color)	4291206326 (0xFFC69CB6)
YUV	171.5220, 5.1657, 23.2212
Hunter-Lab	62.5780, 14.9137, -3.1093

Details

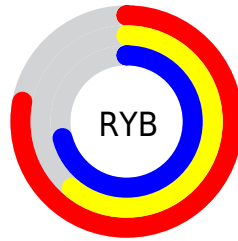
The Decimal color **13016246** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10274476**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16765934**, and **9463937** is the 20% darker color. If you saturate the color by 10%, you get **13011118**, and if you desaturate by 10%, it is **13021374**.

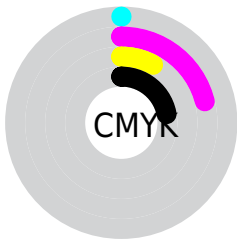
Distribution



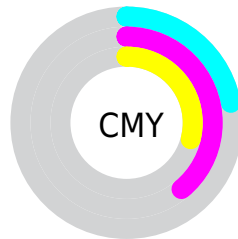
- Red (78%)
- Green (61%)
- Blue (71%)



- Red (78%)
- Yellow (61%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (22%)



- Cyan (22%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 13016246 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 13016246 by changing the saturation by 10% instead.

 13016246

 13016246

16777215

 11174555

 16765934

 9463937

 16773119

 7753832

 6109520

 4530745

 2952484

 1638414

 0

 13016246

 13016246

 13011118

 13021374

 13005991

 13026501

 13001119

 13031373

 12995992

 13036500

 12990864

 13041628

 12985737

 13041635

 12980609

 13041643

 12976251

 13041650

 13041658

Harmonies

Analogous

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



11772358



13016246



13605539

Triad

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



13016246



11577730



7582400

Complementary

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



13016246



10274476

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.



7779246



13016246



10202762

Square

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



13016246



12755589



8827546



8498891

Rectangle

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



13016246



13606038



8827546



7516858

Sweetspot

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



13016246



16773369



11246790



8419196



0



8421504

Same Dimension

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



13016246



16760807



13016226



6511200



10682469



2359318

Inverse Universe

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



13016246



16760807



10274496



6511200



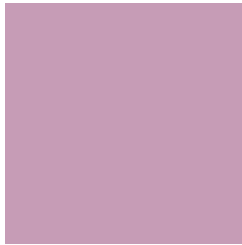
10682469



2359318

Previews

White Background



This preview shows how the Decimal color 13016246 looks on a white background.

Color Contrast Check

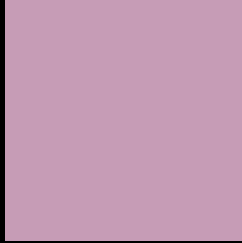
Large Text (above 18pt) WCAG AA × Fail

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 13016246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

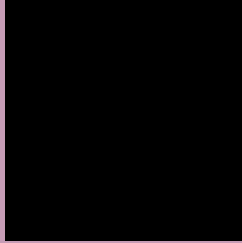
Any Text WCAG AA ✓ Pass

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 13016246 Background



This preview shows how black text looks on a background with the Decimal color 13016246.



This preview shows how white text looks on a background with the Decimal color 13016246.

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



Original Color
13016246

Protanopia
10856381

Deuteranopia
11772853



Tritanopia
12885674

Trichromacy



Original Color
13016246

Protanomaly
11641786

Deuteranomaly
12230837

Tritanomaly
12950958

Monochromacy



Original Color
13016246

Achromatopsia
11316396

Achromatomaly
11904688

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13016246 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 #C69CB6 looks like.

```
.text, #text, p{  
  color:#C69CB6  
}
```

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 #C69CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C69CB6
}
```

Border

The CSS property to change the border of an element to Decimal 13016246 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
#C69CB6 }
```

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

```
.border{ border-color:#C69CB6 }
```

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

Here you see how a box with a 4 pixel #C69CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C69CB6; -webkit-box-shadow:4px 4px  
4px 4px #C69CB6; box-shadow:4px 4px 4px  
4px #C69CB6 }
```

Background

The CSS property to change the background color of an element to Decimal 13016246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C69CB6 }
```

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

```
.background{ background-color:#C69CB6 }
```

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