

Converting Colors

Decimal(13806304)

Have a look what the booklet for
Decimal(13806304) contains.

Decimal(13806304)	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(13806304)

Conversions

Conversions Part 1

Format	Color
Hex	D2AAE0
RGB	210, 170, 224
RGB Percent	82%, 67%, 88%
CMY	0.1765, 0.3333, 0.1216
CMYK	0.06, 0.24, 0.00, 0.12
HSL	284°, 47%, 77%
HSV	284°, 24%, 88%
XYZ	54.4076, 47.8329, 76.8861
YIQ	188.1160, 6.5060, 25.2740

Conversions

Conversions Part 2

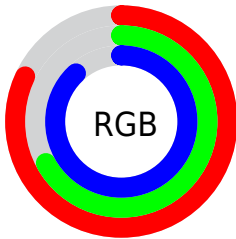
Format	Color
R _{YB}	210, 170, 224
Decimal	13806304
CIE Lab	74.72, 24.12, -21.69
CIE LCh	75, 32.437, 318.046
Yxy	47.8329, 0.3037, 0.2670
Android (android.graphics.Color)	4291996384 (0xFFD2AAE0)
YUV	188.1160, 17.6908, 19.1923
Hunter-Lab	69.1613, 19.3894, -17.4993

Details

The Decimal color **13806304** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12116138**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **16769791**, and **10188457** is the 20% darker color. If you saturate the color by 10%, you get **13407456**, and if you desaturate by 10%, it is **14205152**.

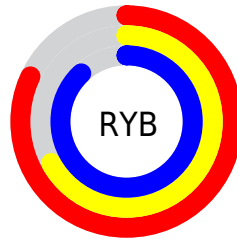
Distribution



Red (82%)

Green (67%)

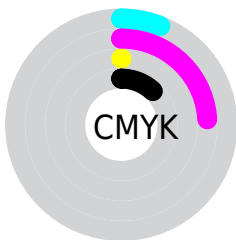
Blue (88%)



Red (82%)

Yellow (67%)

Blue (88%)

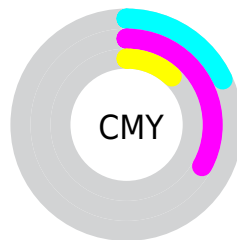


Cyan (6%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (18%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13806304 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 13806304 by changing the saturation by 10% instead.

 13806304

 13806304

16777215

 11964356

 16769791

 10188457

16776959

 8478094

 6767988

 5123676

 3610692

 2162733

 24

 0

 13806304

 13806304

 13407456

 14205152

 13008352

 14604256

 12675040

 14937568

 12275936

 15335392

 11877088

 15728608

 11478240

 16121824

 11079136

 16515040

 10879200

 16777184

Harmonies

Analogous

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



11252976



13806304



15442885

Triad

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



13806304



14201470



5949641

Complementary

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



13806304



12116138

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.



7784619



13806304



12237951

Square

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



13806304



15509645



10011535



6079971

Rectangle

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



13806304



15966641



10011535



6473919

Sweetspot

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



13806304



16444927



11188448



8222080



0



8421504

Same Dimension

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



13806304



15513087



14723795



7169392



8519856



2359344

Inverse Universe

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



14723768



16758216



11198647



7365992



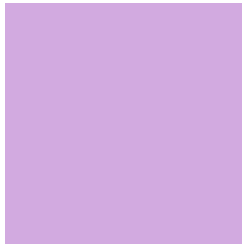
11534382



3145741

Previews

White Background



This preview shows how the Decimal color 13806304 looks on a white background.

Color Contrast Check

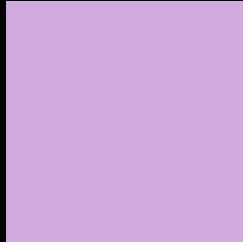
Large Text (above 18pt) WCAG AA × Fail

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 13806304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

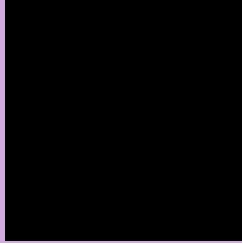
Any Text WCAG AA ✓ Pass

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 13806304 Background



This preview shows how black text looks on a background with the Decimal color 13806304.

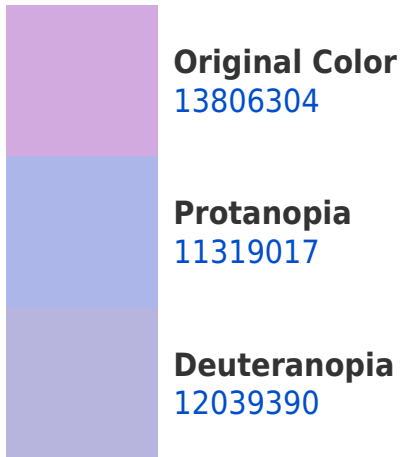


This preview shows how white text looks on a background with the Decimal color 13806304.

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
13480126

Trichromacy



Original Color
13806304

Protanomaly
12235494

Deuteranomaly
12693727

Tritanomaly
13610698

Monochromacy



Original Color
13806304

Achromatopsia
12369084

Achromatomaly
12891593

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13806304 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 #D2AAE0 looks like.

```
.text, #text, p{  
    color:#D2AAE0  
}
```

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 #D2AAE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2AAE0
}
```

Border

The CSS property to change the border of an element to Decimal 13806304 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
#D2AAE0 }
```

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

```
.border{ border-color:#D2AAE0 }
```

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

Here you see how a box with a 4 pixel #D2AAE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2AAE0; -webkit-box-shadow:4px 4px  
4px 4px #D2AAE0; box-shadow:4px 4px 4px  
4px #D2AAE0 }
```

Background

The CSS property to change the background color of an element to Decimal 13806304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2AAE0 }
```

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

```
.background{ background-color:#D2AAE0 }
```

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