

Converting Colors

Decimal(14783949)

Have a look what the booklet for
Decimal(14783949) contains.

Decimal(14783949)	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(14783949)

Conversions

Conversions Part 1

Format	Color
Hex	E195CD
RGB	225, 149, 205
RGB Percent	88%, 58%, 80%
CMY	0.1176, 0.4157, 0.1961
CMYK	0.00, 0.34, 0.09, 0.12
HSL	316°, 56%, 73%
HSV	316°, 34%, 88%
XYZ	52.8182, 41.9102, 63.0633
YIQ	178.1080, 27.3200, 33.5280

Conversions

Conversions Part 2

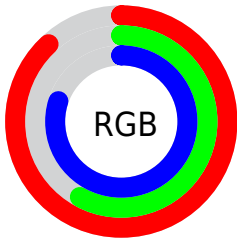
Format	Color
R_{YB}	225, 149, 205
Decimal	14783949
CIE _{Lab}	70.81, 36.90, -17.04
CIE _{LCh}	71, 40.642, 335.208
Yxy	41.9102, 0.3347, 0.2656
Android (android.graphics.Color)	4292974029 (0xFFE195CD)
YUV	178.1080, 13.2578, 41.1243
Hunter-Lab	64.7381, 32.3421, -12.4394

Details

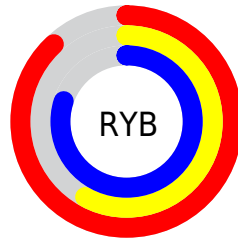
The Decimal color **14783949** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9822633**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16764159**, and **11100567** is the 20% darker color. If you saturate the color by 10%, you get **14778311**, and if you desaturate by 10%, it is **14789843**.

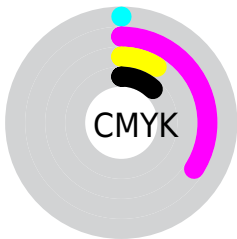
Distribution



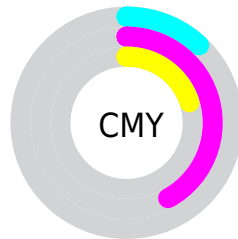
- Red (88%)
- Green (58%)
- Blue (80%)



- Red (88%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14783949 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 14783949 by changing the saturation by 10% instead.


 14783949

 14783949

16777215

 12876721

 16764159

 11100567

 16771583

 9259133

 7548772

 5838412

 4194357

 2818080

 3

 0

14783949

14783949

14778311

14789843

14772417

14795481

14766779

14801375

14760885

14807013

14755247

14811115

14749353

14811121

14745766

14811126

14811132

14811135

Harmonies

Analogous

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



12231146



14783949



16027816

Triad

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



14783949



12561762



49111

Complementary

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



14783949



9822633

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.



2998707



14783949



10008687

Square

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



14783949



14590059



6995597



3586544

Rectangle

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



14783949



16028304



6995597



49356

Sweetspot

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



14783949



16770808



11048417



8417403



0



8421504

Same Dimension

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



14783949



16750307



14783912



7365997



11534466



3145764

Inverse Universe

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



14783949



16750307



9822670



7365997



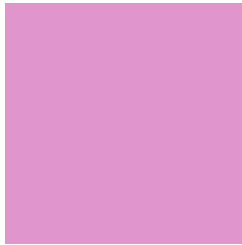
11534466



3145764

Previews

White Background



This preview shows how the Decimal color 14783949 looks on a white background.

Color Contrast Check

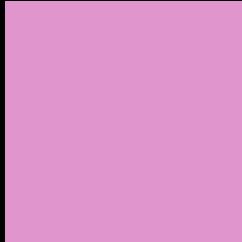
Large Text (above 18pt) WCAG AA × Fail

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 14783949 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 14783949 Background



This preview shows how black text looks on a background with the Decimal color 14783949.

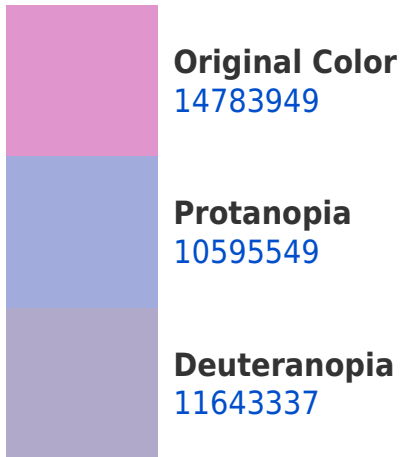


This preview shows how white text looks on a background with the Decimal color 14783949.

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
14458024

Trichromacy



Original Color
14783949



Protanomaly
12100823



Deuteranomaly
12755658

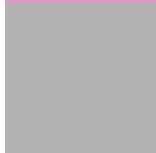


Tritanomaly
14588341

Monochromacy



Original Color
14783949



Achromatopsia
11711154



Achromatomaly
12822460

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14783949 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 #E195CD looks like.

```
.text, #text, p{  
    color:#E195CD  
}
```

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 #E195CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E195CD
}
```

Border

The CSS property to change the border of an element to Decimal 14783949 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
#E195CD }
```

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

```
.border{ border-color:#E195CD }
```

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

Here you see how a box with a 4 pixel #E195CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E195CD; -webkit-box-shadow:4px 4px  
4px 4px #E195CD; box-shadow:4px 4px 4px  
4px #E195CD }
```

Background

The CSS property to change the background color of an element to Decimal 14783949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E195CD }
```

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

```
.background{ background-color:#E195CD }
```

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