

# Converting Colors

Decimal(14146995)

Have a look what the booklet for  
Decimal(14146995) contains.

<b>Decimal(14146995)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(14146995)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7DDB3
RGB	215, 221, 179
RGB Percent	84%, 87%, 70%
CMY	0.1569, 0.1333, 0.2980
CMYK	0.03, 0.00, 0.19, 0.13
HSL	69°, 38%, 78%
HSV	69°, 19%, 87%
XYZ	62.0175, 69.4146, 52.7775
YIQ	214.4180, 9.9060, -14.3340

# Conversions

## Conversions Part 2

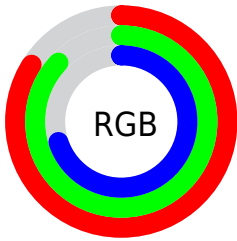
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 221, 185
Decimal	14146995
CIELab	86.71, -9.04, 19.98
CIELCh	87, 21.928, 114.343
Yxy	69.4146, 0.3367, 0.3768
Android (android.graphics.Color)	4292337075 (0xFFD7DDB3)
YUV	214.4180, -17.4611, 0.5104
Hunter-Lab	83.3155, -12.9321, 20.7626

# Details

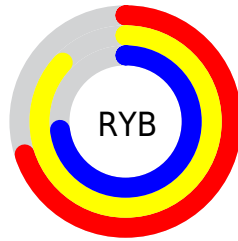
The Decimal color **14146995** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **12170205**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777195**, and **10528382** is the 20% darker color. If you saturate the color by 10%, you get **13950365**, and if you desaturate by 10%, it is **14343625**.

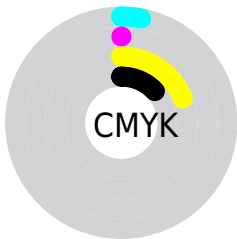
# Distribution



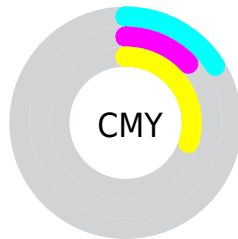
- Red (84%)
- Green (87%)
- Blue (70%)



- Red (70%)
- Yellow (87%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14146995 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 14146995 by changing the saturation by 10% instead.



■ 14146995

■ 14146995

16777215

■ 12304792

■ 16777195

■ 10528382

■ 8817765

■ 7107149





















■ 5462582

■ 3949088

■ 2501642

■ 923648

■ 0

 14146995	 14146995
 13950365	 14343625
 13753735	 14540255
 13557105	 14736885
 13294939	 14999039
 13098309	 15195647
 12901678	 15392255
 12705048	 15588863
 12508418	 15785471
 12442880	 15982079

# Harmonies

## Analogous

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



15586992



14146995



12575424

# Triad

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



14146995



11002618



16763870

# Complementary

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



14146995



12170205

# Split Complementary

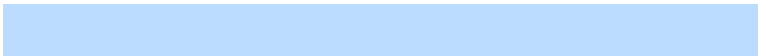
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15781874



14146995



12377343

# Square

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



14146995



10610153



14210559



16763849

# Rectangle

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



14146995



11658445



14210559



16567525



# Sweetspot

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



14146995



16646128



14530995



8290423



0



8421504

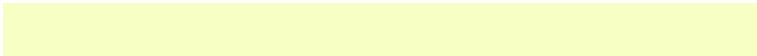


# Same Dimension

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



14146995



16252868



12770739



7106147



9809152



2567680



# Inverse Universe

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



12170205



13485311



13546461



6579054



1638573



458798



# Previews

## White Background



This preview shows how the Decimal color 14146995 looks on a white background.

## Color Contrast Check

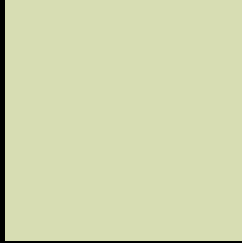
Large Text (above 18pt) WCAG AA × Fail

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 14146995 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

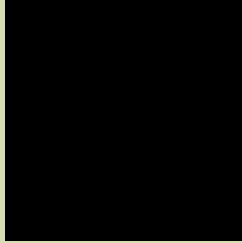
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

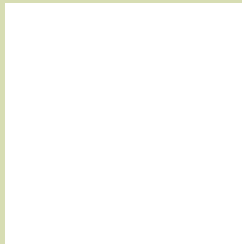
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 14146995 Background



This preview shows how black text looks on a background with the Decimal color 14146995.



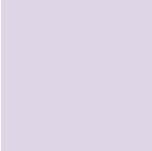
This preview shows how white text looks on a background with the Decimal color 14146995.

# 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](#).

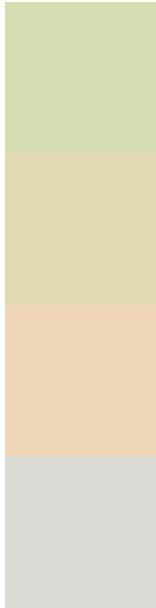
## Dichromacy





**Tritanopia**  
14604007

# Trichromacy



**Original Color**  
14146995

**Protanomaly**  
14801586

**Deuteranomaly**  
15586741

**Tritanomaly**  
14408148

# Monochromacy



**Original Color**  
14146995

**Achromatopsia**  
14079702

**Achromatomaly**  
14080457

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14146995 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 #D7DDB3 looks like.

```
.text, #text, p{  
    color:#D7DDB3  
}
```

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 #D7DDB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7DDB3  
}
```

## Border

The CSS property to change the border of an element to Decimal 14146995 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  
#D7DDB3 }
```

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

```
.border{ border-color:#D7DDB3 }
```

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

Here you see how a box with a 4 pixel #D7DDB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7DDB3; -webkit-box-shadow:4px 4px  
4px 4px #D7DDB3; box-shadow:4px 4px 4px  
4px #D7DDB3 }
```

# Background

The CSS property to change the background color of an element to Decimal 14146995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7DDB3 }
```

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

```
.background{ background-color:#D7DDB3 }
```

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