

# Converting Colors

Decimal(14804413)

Have a look what the booklet for  
Decimal(14804413) contains.

<b>Decimal(14804413)</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(14804413)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E5BD
RGB	225, 229, 189
RGB Percent	88%, 90%, 74%
CMY	0.1176, 0.1020, 0.2588
CMYK	0.02, 0.00, 0.17, 0.10
HSL	66°, 43%, 82%
HSV	66°, 17%, 90%
XYZ	68.2560, 75.7203, 59.1621
YIQ	223.2440, 10.4560, -13.2880

# Conversions

## Conversions Part 2

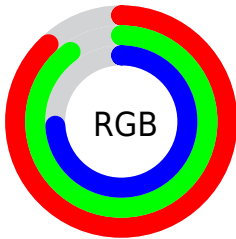
Format	Color
<a href="#">RYB</a>	<a href="#">189, 229, 193</a>
Decimal	<a href="#">14804413</a>
CIELab	<a href="#">89.73, -7.98, 19.09</a>
CIELCh	<a href="#">90, 20.690, 112.680</a>
Yxy	<a href="#">75.7203, 0.3360, 0.3728</a>
Android (android.graphics.Color)	<a href="#">4292994493 (0xFFE1E5BD)</a>
YUV	<a href="#">223.2440, -16.8823, 1.5400</a>
Hunter-Lab	<a href="#">87.0174, -12.2661, 20.6016</a>

# Details

The Decimal color **14804413** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **12697061**, and the grayscale version is **14671839**.

A 20% lighter version of the original color is **16777205**, and **11120264** is the 20% darker color. If you saturate the color by 10%, you get **14673318**, and if you desaturate by 10%, it is **14935508**.

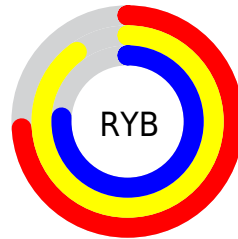
# Distribution



Red (88%)

Green (90%)

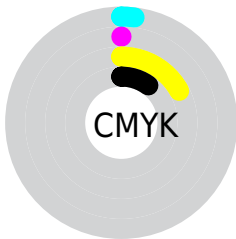
Blue (74%)



Red (74%)

Yellow (90%)

Blue (76%)

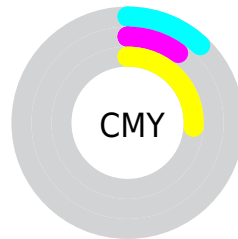


Cyan (2%)

Magenta (0%)

Yellow (17%)

Black (10%)



Cyan (12%)

Magenta (10%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14804413 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 14804413 by changing the saturation by 10% instead.



14804413

14804413

16777215

12962210

16777205

11120264

9409390

7698774

6054206

4475176

2961939

1711360

0

 14804413

 14804413

 14673318

 14935508

 14476687

 15132139

 14345592

 15263231

 14214497

 15394303

 14083403

 15525375

 13886772

 15721983

 13755677

 15853055

 13624582

 15984127

 13559040

 16180735

# Harmonies

## Analogous

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



16179131



14804413



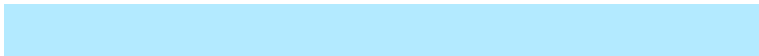
13298377

# Triad

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



14804413



11791103



16766183

# Complementary

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



14804413



12697061

# Split Complementary

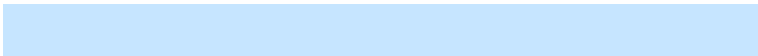
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16242938



14804413



13035007

# Square

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



14804413



11398640



14671615



16766163

# Rectangle

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



14804413



12446933



14671615



16766446



# Sweetspot

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



14804413



16711666



15057341



8355960



0



8421504



# Same Dimension

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



14804413



16449481



13493693



7500647



10597120



3027712



# Inverse Universe

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



12697061



13617663



14007781



6842227



1179827

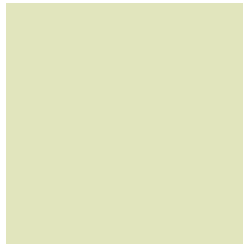


327731



# Previews

## White Background



This preview shows how the Decimal color 14804413 looks on a white background.

## Color Contrast Check

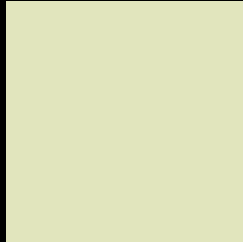
Large Text (above 18pt) WCAG AA × Fail

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 14804413 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

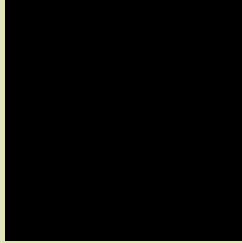
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

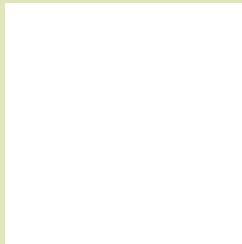
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 14804413 Background



This preview shows how black text looks on a background with the Decimal color 14804413.



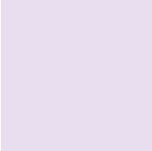
This preview shows how white text looks on a background with the Decimal color 14804413.

# 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](#).

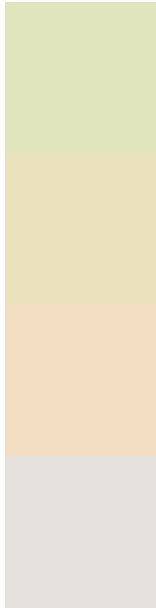
## Dichromacy





**Tritanopia**  
15261423

# Trichromacy



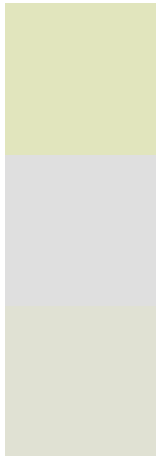
**Original Color**  
14804413

**Protanomaly**  
15327932

**Deuteranomaly**  
16047809

**Tritanomaly**  
15065565

# Monochromacy



**Original Color**  
14804413

**Achromatopsia**  
14671839

**Achromatomaly**  
14737875

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14804413 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 #E1E5BD looks like.

```
.text, #text, p{  
    color:#E1E5BD  
}
```

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 #E1E5BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1E5BD
}
```

## Border

The CSS property to change the border of an element to Decimal 14804413 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
#E1E5BD }
```

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

```
.border{ border-color:#E1E5BD }
```

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

Here you see how a box with a 4 pixel #E1E5BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1E5BD; -webkit-box-shadow:4px 4px  
4px 4px #E1E5BD; box-shadow:4px 4px 4px  
4px #E1E5BD }
```

# Background

The CSS property to change the background color of an element to Decimal 14804413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1E5BD }
```

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

```
.background{ background-color:#E1E5BD }
```

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