

# Converting Colors

Decimal(14873573)

Have a look what the booklet for  
Decimal(14873573) contains.

<b>Decimal(14873573)</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(14873573)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2F3E5
RGB	226, 243, 229
RGB Percent	89%, 95%, 90%
CMY	0.1137, 0.0471, 0.1020
CMYK	0.07, 0.00, 0.06, 0.05
HSL	131°, 41%, 92%
HSV	131°, 7%, 95%
XYZ	77.5575, 85.9271, 86.6266
YIQ	236.3210, -5.6380, -7.9580

# Conversions

## Conversions Part 2

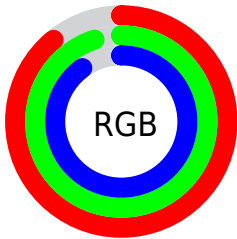
Format	Color
R <sub>Y</sub> B	226, 240, 243
Decimal	14873573
CIE Lab	94.28, -8.12, 4.82
CIE LCh	94, 9.441, 149.314
Yxy	85.9271, 0.3101, 0.3436
Android (android.graphics.Color)	4293063653 (0xFFE2F3E5)
YUV	236.3210, -3.6093, -9.0515
Hunter-Lab	92.6969, -12.8724, 9.4804

# Details

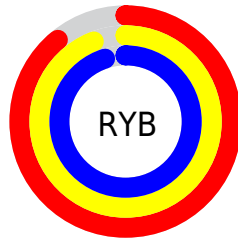
The Decimal color **14873573** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **15983344**, and the grayscale version is **15527148**.

A 20% lighter version of the original color is **16777215**, and **11254702** is the 20% darker color. If you saturate the color by 10%, you get **13300689**, and if you desaturate by 10%, it is **16446457**.

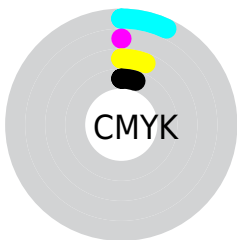
# Distribution



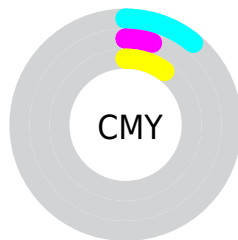
- Red (89%)
- Green (95%)
- Blue (90%)



- Red (89%)
- Yellow (94%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14873573 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 14873573 by changing the saturation by 10% instead.



■ 14873573

16777215

■ 14873573

■ 13031369

■ 11254702

■ 9478291

■ 7767673

■ 6188128

■ 4609097

■ 3161394

■ 1713949

■ 4868

 14873573

 14873573

 13300689

 16446457

 11662269

 16774143


 10089385

 8516501

 6878081

 5305197

 3732313

 2159429

 521009

# Harmonies

## Analogous

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



15528415



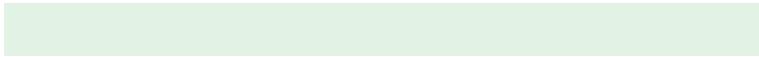
14873573



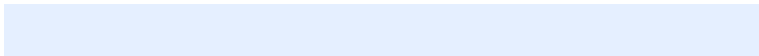
14415086

# Triad

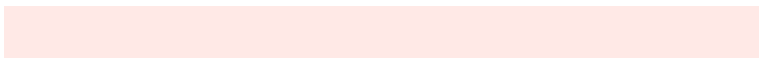
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14873573



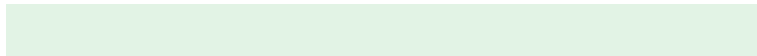
15069183



16771558

# Complementary

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



14873573



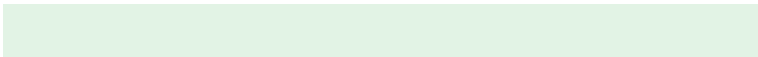
15983344

# 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.



16771567



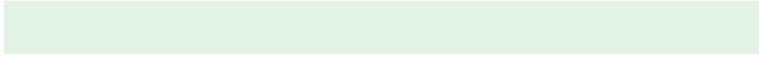
14873573



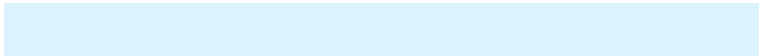
15789310

# Square

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



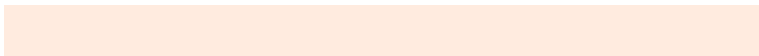
14873573



14480126



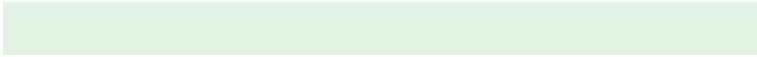
16509688



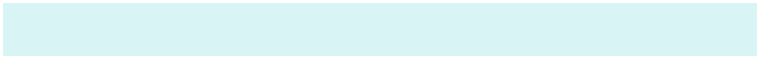
16772063

# Rectangle

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



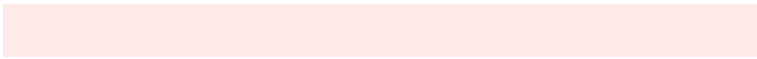
14873573



14218484



16509688

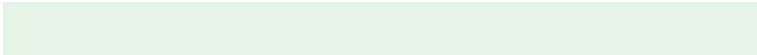


16771561



# Sweetspot

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



14873573



16449531



15791074



8224893



0

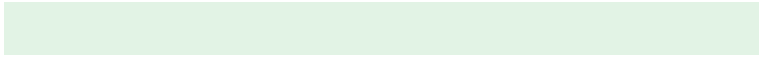


8421504



# Same Dimension

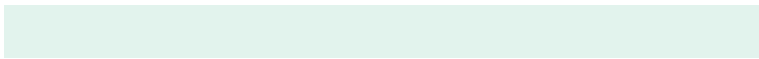
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14873573



15466478



14873581



7240304



47649



15114



# Inverse Universe

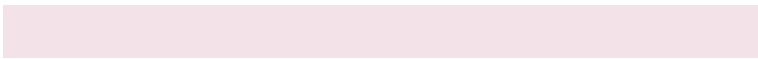
The Inverse Universe completely reimagines the original color for something new.



15983344



16772091



15983336



8023672



12189849

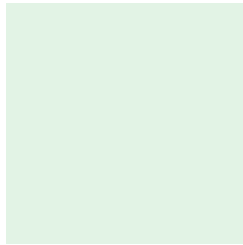


3866672



# Previews

## White Background



This preview shows how the Decimal color 14873573 looks on a white background.

## Color Contrast Check

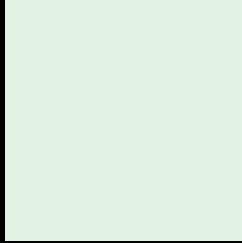
Large Text (above 18pt) WCAG AA × Fail

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 14873573 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

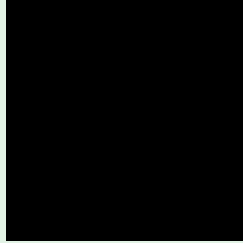
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

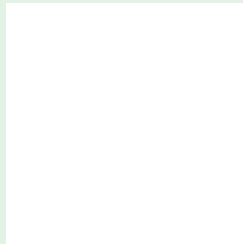
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 14873573 Background



This preview shows how black text looks on a background with the Decimal color 14873573.

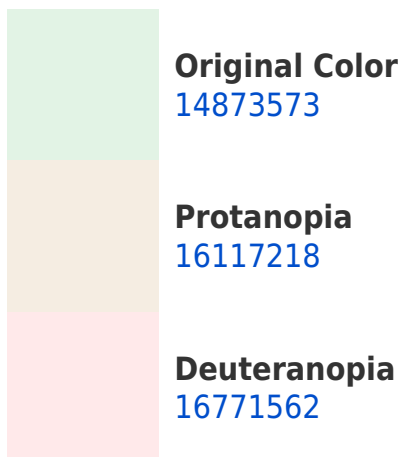


This preview shows how white text looks on a background with the Decimal color 14873573.

# 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](#).

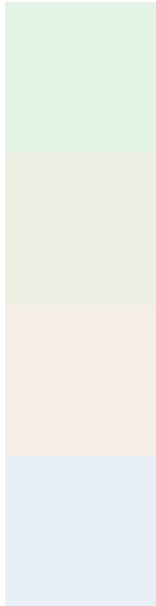
## Dichromacy





**Tritanopia**  
15265791

# Trichromacy



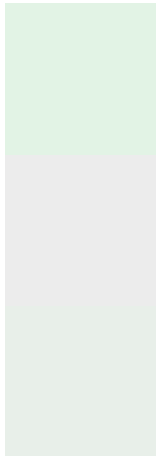
**Original Color**  
14873573

**Protanomaly**  
15658979

**Deuteranomaly**  
16051688

**Tritanomaly**  
15134966

# Monochromacy



**Original Color**  
14873573

**Achromatopsia**  
15527148

**Achromatomaly**  
15265769

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14873573 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 #E2F3E5 looks like.

```
.text, #text, p{  
    color:#E2F3E5  
}
```

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 #E2F3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2F3E5
}
```

## Border

The CSS property to change the border of an element to Decimal 14873573 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
#E2F3E5 }
```

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

```
.border{ border-color:#E2F3E5 }
```

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

Here you see how a box with a 4 pixel #E2F3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2F3E5; -webkit-box-shadow:4px 4px  
4px 4px #E2F3E5; box-shadow:4px 4px 4px  
4px #E2F3E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 14873573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2F3E5 }
```

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

```
.background{ background-color:#E2F3E5 }
```

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