

# Converting Colors

Decimal(14873585)

Have a look what the booklet for  
Decimal(14873585) contains.

<b>Decimal(14873585)</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(14873585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2F3F1
RGB	226, 243, 241
RGB Percent	89%, 95%, 95%
CMY	0.1137, 0.0471, 0.0549
CMYK	0.07, 0.00, 0.01, 0.05
HSL	173°, 41%, 92%
HSV	173°, 7%, 95%
XYZ	79.2918, 86.6208, 95.7595
YIQ	237.6890, -9.4900, -4.2260

# Conversions

## Conversions Part 2

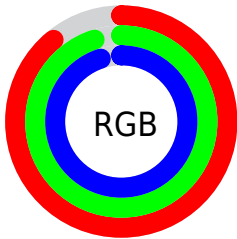
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 235, 243
Decimal	14873585
CIE Lab	94.58, -5.94, -0.97
CIE LCh	95, 6.016, 189.261
Yxy	86.6208, 0.3030, 0.3310
Android (android.graphics.Color)	4293063665 (0xFFE2F3F1)
YUV	237.6890, 1.6323, -10.2513
Hunter-Lab	93.0703, -10.7989, 4.1461

# Details

The Decimal color **14873585** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **15983332**, and the grayscale version is **15658734**.

A 20% lighter version of the original color is **16777215**, and **11254713** is the 20% darker color. If you saturate the color by 10%, you get **13300718**, and if you desaturate by 10%, it is **16446452**.

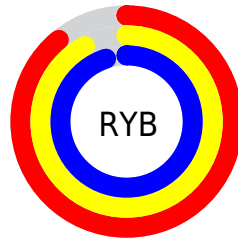
# Distribution



Red (89%)

Green (95%)

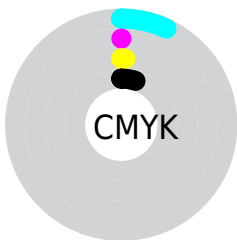
Blue (95%)



Red (89%)

Yellow (92%)

Blue (95%)

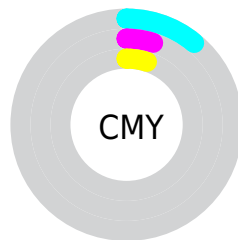


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (11%)

Magenta (5%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14873585 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 14873585 by changing the saturation by 10% instead.



■ 14873585

16777215

■ 14873585

■ 13031381

■ 11254713

■ 9478302

■ 7767684

■ 6188139

■ 4609107

■ 3095868

■ 1713958

■ 4881

 14873585

 14873585

 13300718

 16446452

 11662315

 16774135

 10089448

 16774138

 8516582


 16774140

 6878179

 16774143

 5305312

 3732445

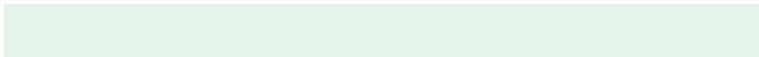
 2159578

 521175

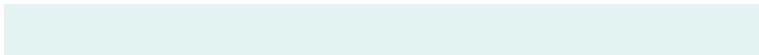
# Harmonies

## Analogous

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



15135723



14873585



14873334

# Triad

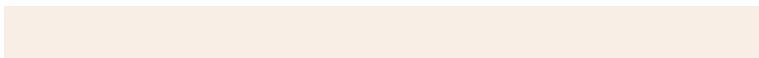
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14873585



15986168



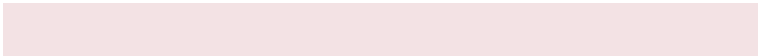
16314085

# Complementary

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



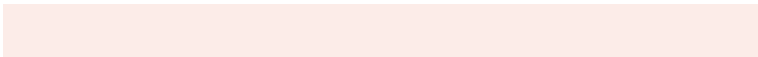
14873585



15983332

# Split Complementary

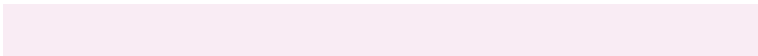
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16575720



14873585



16379124

# Square

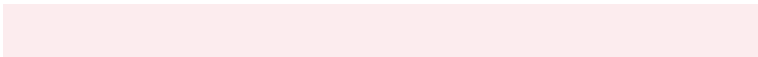
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14873585



15527931



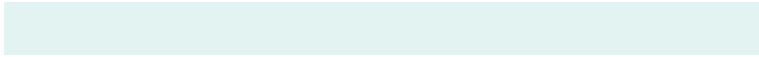
16575726



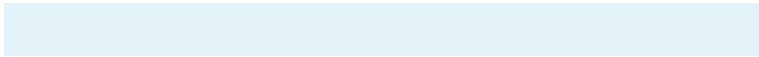
15986916

# Rectangle

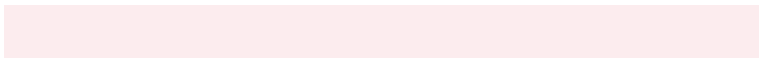
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14873585



15004409



16575726



16444902



# Sweetspot

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



14873585



16449534



15004642



8224895



0



8421504



# Same Dimension

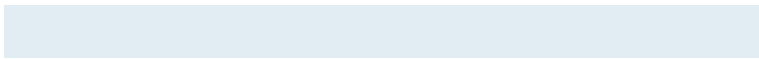
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14873585



15466493



14872051



7240313



47780



15156



# Inverse Universe

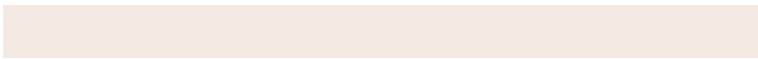
The Inverse Universe completely reimagines the original color for something new.



15983332



16772077



15984866



8023664



12189718

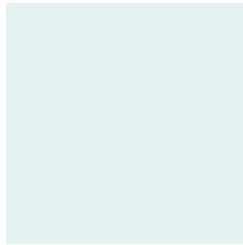


3866631



# Previews

## White Background



This preview shows how the Decimal color 14873585 looks on a white background.

## Color Contrast Check

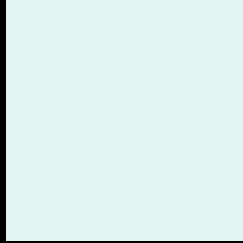
Large Text (above 18pt) WCAG AA × Fail

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 14873585 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

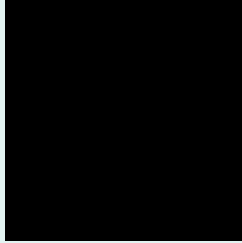
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

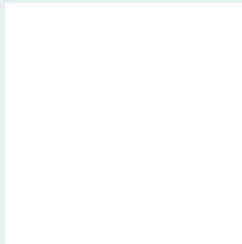
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 14873585 Background



This preview shows how black text looks on a background with the Decimal color 14873585.



This preview shows how white text looks on a background with the Decimal color 14873585.

# 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](#).

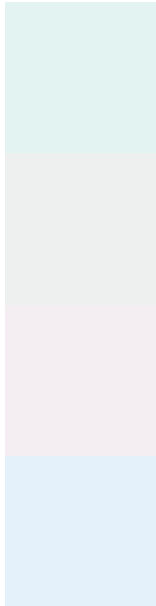
## Dichromacy





**Tritanopia**  
15200511

# Trichromacy



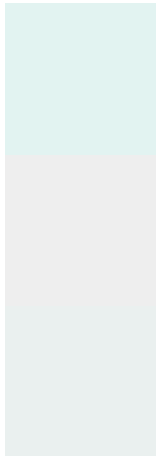
**Original Color**  
14873585

**Protanomaly**  
15593711

**Deuteranomaly**  
16051698

**Tritanomaly**  
15069690

# Monochromacy



**Original Color**  
14873585

**Achromatopsia**  
15658734

**Achromatomaly**  
15397103

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14873585 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 #E2F3F1 looks like.

```
.text, #text, p{  
    color:#E2F3F1  
}
```

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 #E2F3F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2F3F1
}
```

## Border

The CSS property to change the border of an element to Decimal 14873585 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
#E2F3F1 }
```

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

```
.border{ border-color:#E2F3F1 }
```

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

Here you see how a box with a 4 pixel #E2F3F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2F3F1; -webkit-box-shadow:4px 4px  
4px 4px #E2F3F1; box-shadow:4px 4px 4px  
4px #E2F3F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 14873585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2F3F1 }
```

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

```
.background{ background-color:#E2F3F1 }
```

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