

# Converting Colors

Decimal(14876362)

Have a look what the booklet for  
Decimal(14876362) contains.

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# **Color**

**Decimal(14876362)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2FECA
RGB	226, 254, 202
RGB Percent	89%, 100%, 79%
CMY	0.1137, 0.0039, 0.2078
CMYK	0.11, 0.00, 0.20, 0.00
HSL	92°, 96%, 89%
HSV	92°, 20%, 100%
XYZ	77.4665, 91.3166, 69.4201
YIQ	239.7000, 0.0040, -22.1080

# Conversions

## Conversions Part 2

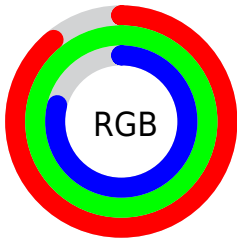
Format	Color
R <sub>Y</sub> B	202, 254, 230
Decimal	14876362
CIE Lab	96.54, -18.04, 21.90
CIE LCh	97, 28.372, 129.480
Yxy	91.3166, 0.3252, 0.3834
Android (android.graphics.Color)	4293066442 (0xFFE2FECA)
YUV	239.7000, -18.5861, -12.0149
Hunter-Lab	95.5597, -22.5266, 23.8202

# Details

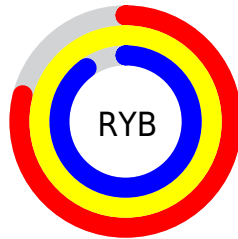
The Decimal color **14876362** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **15125246**, and the grayscale version is **15790320**.

A 20% lighter version of the original color is **16777215**, and **11191700** is the 20% darker color. If you saturate the color by 10%, you get **13958833**, and if you desaturate by 10%, it is **15793891**.

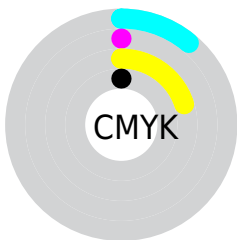
# Distribution



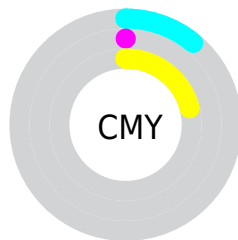
- Red (89%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14876362 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 14876362 by changing the saturation by 10% instead.



14876362

14876362

16777215

13033903

11191700

9480826

7769953

6059593

4480306

2966812

1519364

6912

 14876362

 14876362

 13958833

 15793891

 13106839

 16645885

 12189310

16776959

 11271780

 10419787

 9502258

 8584728

 7732736

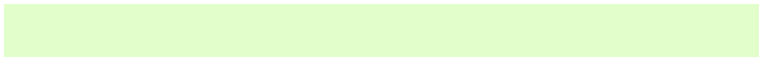
# Harmonies

## Analogous

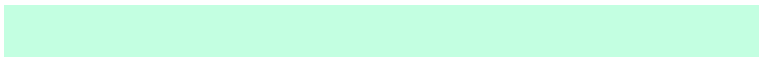
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16774847



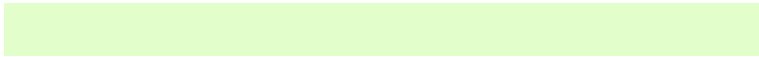
14876362



12845025

# Triad

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



14876362



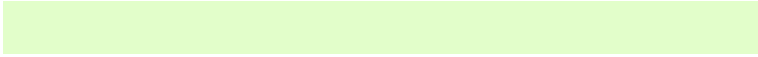
12451327



16769517

# Complementary

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



14876362



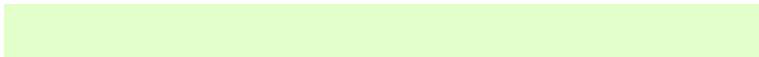
15125246

# Split Complementary

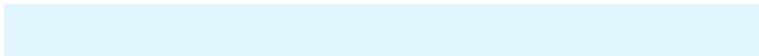
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16770303



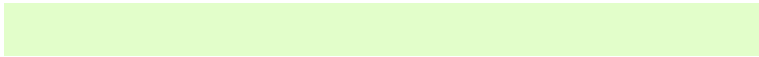
14876362



14743039

# Square

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



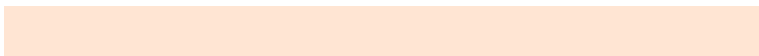
14876362



11141119



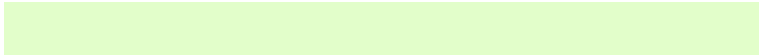
16772095



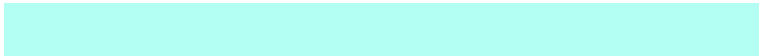
16770515

# Rectangle

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



14876362



11796468



16772095

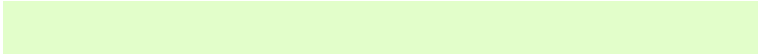


16769783



# Sweetspot

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



14876362



16252912



16705226



8093815



0

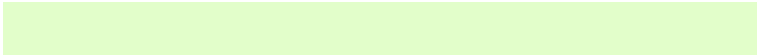


8421504

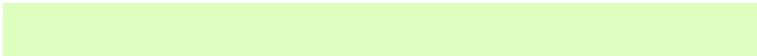


# Same Dimension

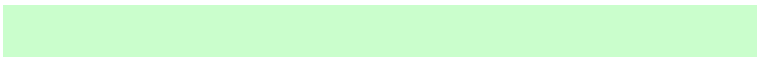
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14876362



14548927



13303500



7962739



5816064



1916928



# Inverse Universe

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



15125246



14860287



16698108



8024960



6750399

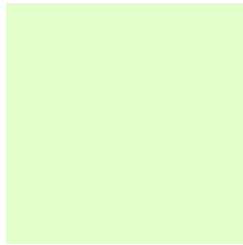


2228288



# Previews

## White Background



This preview shows how the Decimal color 14876362 looks on a white background.

## Color Contrast Check

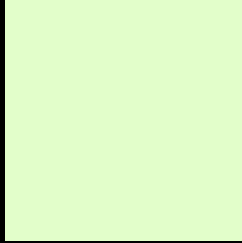
Large Text (above 18pt) WCAG AA × Fail

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 14876362 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

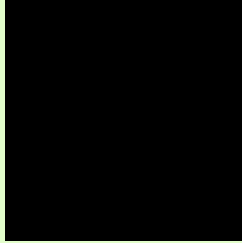
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

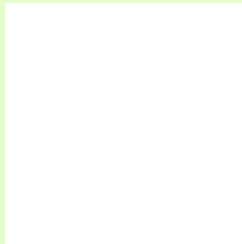
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 14876362 Background



This preview shows how black text looks on a background with the Decimal color 14876362.



This preview shows how white text looks on a background with the Decimal color 14876362.

# 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



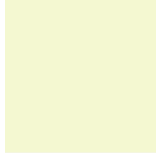


**Tritanopia**  
15791615

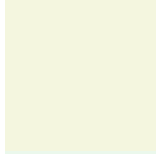
# Trichromacy



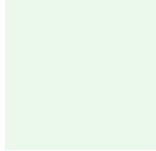
**Original Color**  
14876362



**Protanomaly**  
16054481

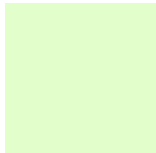


**Deuteranomaly**  
16053983

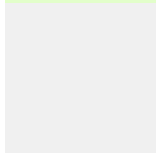


**Tritanomaly**  
15464684

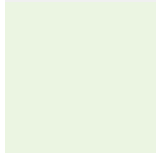
# Monochromacy



**Original Color**  
14876362



**Achromatopsia**  
15790320



**Achromatomaly**  
15463906

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14876362 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 #E2FECA looks like.

```
.text, #text, p{  
    color:#E2FECA  
}
```

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 #E2FECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2FECA
}
```

## Border

The CSS property to change the border of an element to Decimal 14876362 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
#E2FECA }
```

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

```
.border{ border-color:#E2FECA }
```

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

Here you see how a box with a 4 pixel #E2FECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2FECA; -webkit-box-shadow:4px 4px  
4px 4px #E2FECA; box-shadow:4px 4px 4px  
4px #E2FECA }
```

# Background

The CSS property to change the background color of an element to Decimal 14876362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2FECA }
```

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

```
.background{ background-color:#E2FECA }
```

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](#).



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