

# Converting Colors

Decimal(14221281)

Have a look what the booklet for  
Decimal(14221281) contains.

<b>Decimal(14221281)</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(14221281)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8FFE1
RGB	216, 255, 225
RGB Percent	85%, 100%, 88%
CMY	0.1529, 0.0000, 0.1176
CMYK	0.15, 0.00, 0.12, 0.00
HSL	134°, 100%, 92%
HSV	134°, 15%, 100%
XYZ	77.6695, 91.5552, 84.8125
YIQ	239.9190, -13.6140, -17.5980

# Conversions

## Conversions Part 2

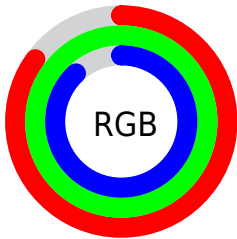
Format	Color
R <sub>Y</sub> B	216, 248, 255
Decimal	14221281
CIE Lab	96.64, -18.05, 10.18
CIE LCh	97, 20.728, 150.571
Yxy	91.5552, 0.3057, 0.3604
Android (android.graphics.Color)	4292411361 (0xFFD8FFE1)
YUV	239.9190, -7.3551, -20.9770
Hunter-Lab	95.6845, -22.5548, 14.4259

# Details

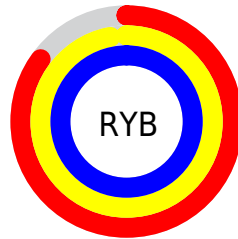
The Decimal color **14221281** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **16767222**, and the grayscale version is **15790320**.

A 20% lighter version of the original color is **16777215**, and **10602154** is the 20% darker color. If you saturate the color by 10%, you get **12582861**, and if you desaturate by 10%, it is **15925237**.

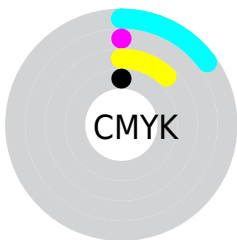
# Distribution



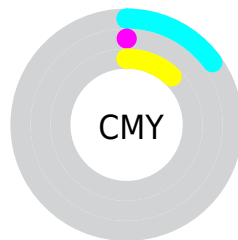
- Red (85%)
- Green (100%)
- Blue (88%)



- Red (85%)
- Yellow (97%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14221281 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 14221281 by changing the saturation by 10% instead.



 14221281

 14221281

16777215

 12378821

 10602154

 8825743

 7180406

 5535581

 3956293

 2442799

 929562

 7168

 14221281

 14221281

 12582861

 15925237

 10878906

16777215

 9240486

 7536531

 5898111

 4194155

 2490200

 851780

 65339

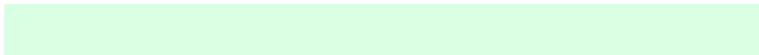
# Harmonies

## Analogous

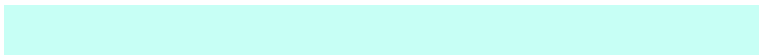
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15727314



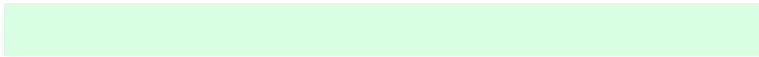
14221281



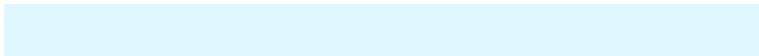
13107189

# Triad

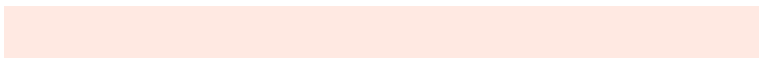
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14221281



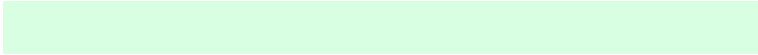
14743551



16771554

# Complementary

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



14221281



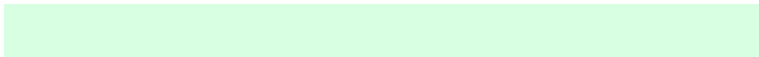
16767222

# 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.



16771062



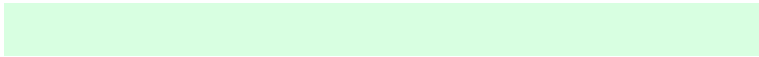
14221281



16445695

# Square

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



14221281



13303295



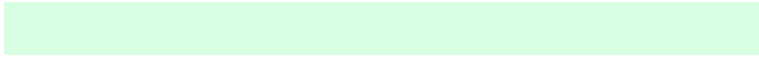
16771839



16772819

# Rectangle

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



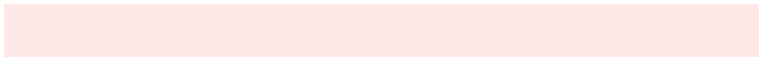
14221281



12713983



16771839

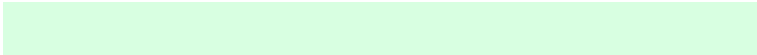


16771304



# Sweetspot

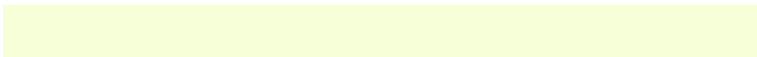
The Sweet Spot groups the original color and five complimentary colors.



14221281



15925237



16252888



7897210



0

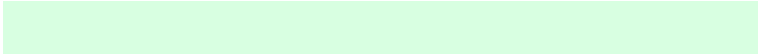


8421504

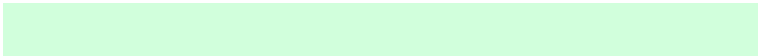


# Same Dimension

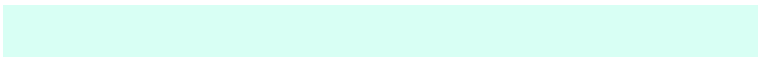
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14221281



13762524



14221300



7569526



48940



16399



# Inverse Universe

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



16767222



16765428



16767203



8418173



12517523



4194353



# Previews

## White Background



This preview shows how the Decimal color 14221281 looks on a white background.

## Color Contrast Check

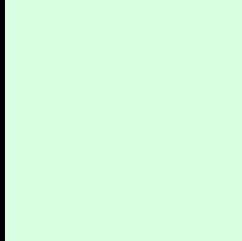
Large Text (above 18pt) WCAG AA × Fail

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 14221281 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

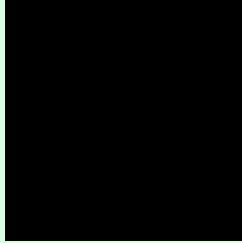
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

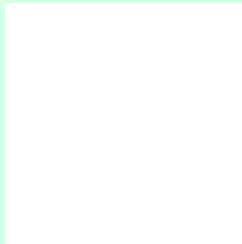
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 14221281 Background



This preview shows how black text looks on a background with the Decimal color 14221281.



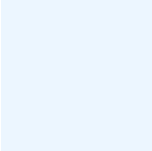
This preview shows how white text looks on a background with the Decimal color 14221281.

# 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





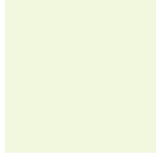
**Tritanopia**  
15529727

# Trichromacy



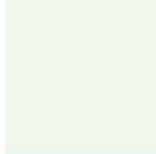
**Original Color**

14221281



**Protanomaly**

15857886



**Deuteranomaly**

15857643



**Tritanomaly**

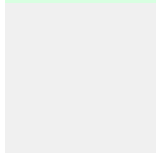
15071732

# Monochromacy



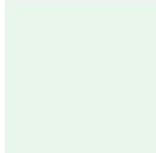
**Original Color**

14221281



**Achromatopsia**

15790320



**Achromatomaly**

15201771

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14221281 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 #D8FFE1 looks like.

```
.text, #text, p{  
    color:#D8FFE1  
}
```

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 #D8FFE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8FFE1
}
```

## Border

The CSS property to change the border of an element to Decimal 14221281 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
#D8FFE1 }
```

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

```
.border{ border-color:#D8FFE1 }
```

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

Here you see how a box with a 4 pixel #D8FFE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8FFE1; -webkit-box-shadow:4px 4px  
4px 4px #D8FFE1; box-shadow:4px 4px 4px  
4px #D8FFE1 }
```

# Background

The CSS property to change the background color of an element to Decimal 14221281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8FFE1 }
```

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

```
.background{ background-color:#D8FFE1 }
```

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