

Converting Colors

Decimal(13431009)

Have a look what the booklet for
Decimal(13431009) contains.

Decimal(13431009)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13431009)

Conversions

Conversions Part 1

Format	Color
Hex	CCF0E1
RGB	204, 240, 225
RGB Percent	80%, 94%, 88%
CMY	0.2000, 0.0588, 0.1176
CMYK	0.15, 0.00, 0.06, 0.06
HSL	155°, 55%, 87%
HSV	155°, 15%, 94%
XYZ	69.6525, 80.5938, 83.1192
YIQ	227.5260, -16.6410, -12.2970

Conversions

Conversions Part 2

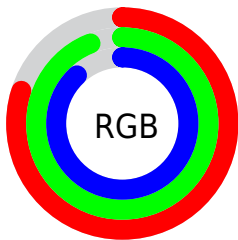
Format	Color
RYB	204, 227, 240
Decimal	13431009
CIELab	91.95, -14.52, 3.34
CIELCh	92, 14.898, 167.062
Yxy	80.5938, 0.2985, 0.3454
Android (android.graphics.Color)	4291621089 (0xFFCCCF0E1)
YUV	227.5260, -1.2453, -20.6323
Hunter-Lab	89.7740, -18.6127, 7.9469

Details

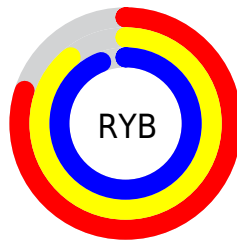
The Decimal color **13431009** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15781083**, and the grayscale version is **15000804**.

A 20% lighter version of the original color is **16777215**, and **9812138** is the 20% darker color. If you saturate the color by 10%, you get **11858135**, and if you desaturate by 10%, it is **15003883**.

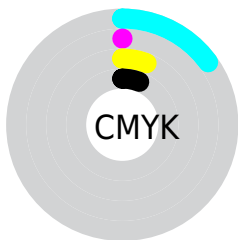
Distribution



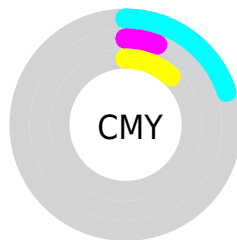
- Red (80%)
- Green (94%)
- Blue (88%)



- Red (80%)
- Yellow (89%)
- Blue (94%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13431009 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 13431009 by changing the saturation by 10% instead.

13431009

13431009

16777215

11588805

9812138

8101263

6456182

4876893

3297606

1849903

402458

3328

 13431009

 13431009

 11858135

 15003883

 10285261

 16576757

 8712387

 16773375

 7139513

 5566639

 3993765

 2420891

 848017

 61580

Harmonies

Analogous

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



14347988



13431009



12906736

Triad

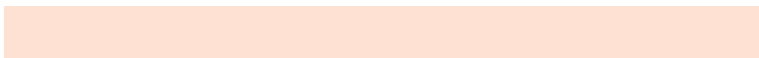
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13431009



14935807



16769492

Complementary

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



13431009



15781083

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.



16768736



13431009



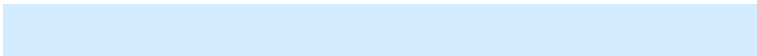
16114427

Square

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



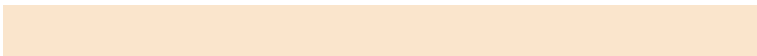
13431009



13822975



16769007



16442828

Rectangle

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



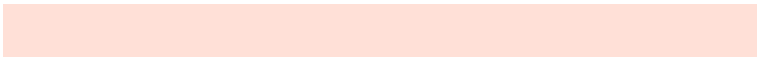
13431009



12906489



16769007



16769239

Sweetspot

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



13431009



15925242



14414028



7897212



0



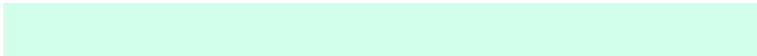
8421504

Same Dimension

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



13431009



13762540



13430512



7108723



47211



14369

Inverse Universe

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



15781083



16765412



15781836



7892081



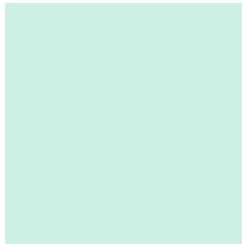
12058700



3670039

Previews

White Background



This preview shows how the Decimal color 13431009 looks on a white background.

Color Contrast Check

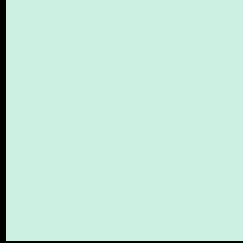
Large Text (above 18pt) WCAG AA × Fail

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 13431009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

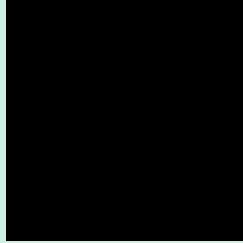
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

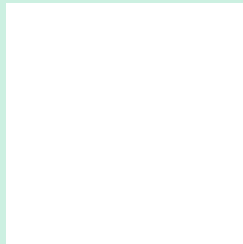
Any Text WCAG AAA ✓ Pass

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

Decimal 13431009 Background



This preview shows how black text looks on a background with the Decimal color 13431009.

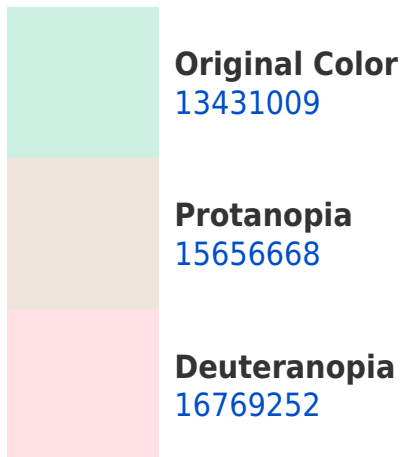


This preview shows how white text looks on a background with the Decimal color 13431009.

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](#).

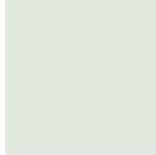
Dichromacy



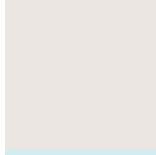
Trichromacy



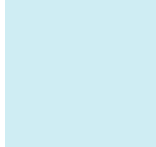
Original Color
13431009



Protanomaly
14871262



Deuteranomaly
15525603

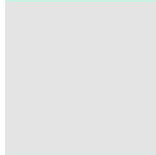


Tritanomaly
13626867

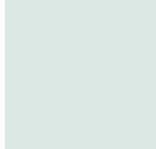
Monochromacy



Original Color
13431009



Achromatopsia
15000804



Achromatomaly
14412003

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13431009 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 #CCF0E1 looks like.

```
.text, #text, p{  
    color:#CCF0E1  
}
```

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 #CCF0E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCF0E1
}
```

Border

The CSS property to change the border of an element to Decimal 13431009 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
#CCF0E1 }
```

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

```
.border{ border-color:#CCF0E1 }
```

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

Here you see how a box with a 4 pixel #CCF0E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCF0E1; -webkit-box-shadow:4px 4px  
4px 4px #CCF0E1; box-shadow:4px 4px 4px  
4px #CCF0E1 }
```

Background

The CSS property to change the background color of an element to Decimal 13431009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCF0E1 }
```

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

```
.background{ background-color:#CCF0E1 }
```

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