

# Converting Colors

Decimal(13823209)

Have a look what the booklet for  
Decimal(13823209) contains.

|  |    |
|--|----|
| <b>Decimal(13823209)</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(13823209)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D2ECE9                      |
| RGB         | 210, 236, 233               |
| RGB Percent | 82%, 93%, 91%               |
| CMY         | 0.1765, 0.0745, 0.0863      |
| CMYK        | 0.11, 0.00, 0.01, 0.07      |
| HSL         | 173°, 41%, 87%              |
| HSV         | 173°, 11%, 93%              |
| XYZ         | 71.2818, 79.5757, 88.6935   |
| YIQ         | 227.8840, -14.5330, -6.4450 |

# Conversions

## Conversions Part 2

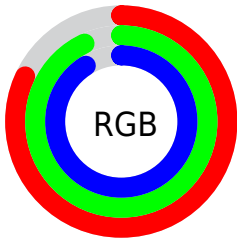
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 210, 224, 236                 |
| Decimal                             | 13823209                      |
| CIE Lab                             | 91.49, -9.06, -1.45           |
| CIE LCh                             | 91, 9.179, 189.086            |
| Yxy                                 | 79.5757, 0.2976,<br>0.3322    |
| Android<br>(android.graphics.Color) | 4292013289<br>(0xFFD2ECE9)    |
| YUV                                 | 227.8840, 2.5222,<br>-15.6843 |
| Hunter-Lab                          | 89.2052, -13.4741,<br>3.4938  |

# Details

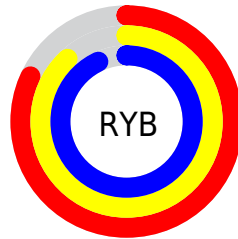
The Decimal color **13823209** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15520469**, and the grayscale version is **15000804**.

A 20% lighter version of the original color is **16777215**, and **10204337** is the 20% darker color. If you saturate the color by 10%, you get **12250342**, and if you desaturate by 10%, it is **15396076**.

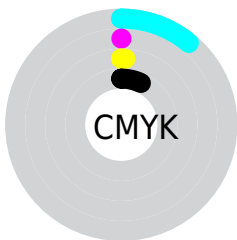
# Distribution



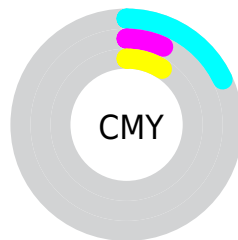
- Red (82%)
- Green (93%)
- Blue (91%)



- Red (82%)
- Yellow (88%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13823209 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 13823209 by changing the saturation by 10% instead.



■ 13823209

16777215

■ 13823209

■ 11981005

■ 10204337

■ 8493463

■ 6848381

■ 5203556

■ 3690060

■ 2242357

■ 860704

■ 2825

 13823209

 13823209

 12250342

 15396076

 10743012

 16772334

 9170145

 16772337

 7662814

 16772340

 6089947

 16772343

 4517081

 16772345

 3009750

 16772348

 1436883

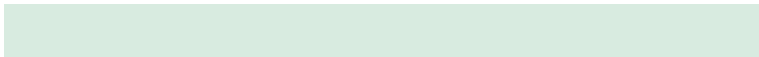
 16772351

 60625

# Harmonies

## Analogous

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



14216160



13823209



13822961

# Triad

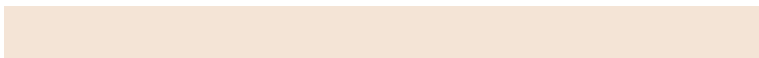
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13823209



15525108



16049366

# Complementary

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



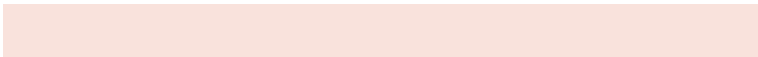
13823209



15520469

# 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.



16376540



13823209



16114157

# Square

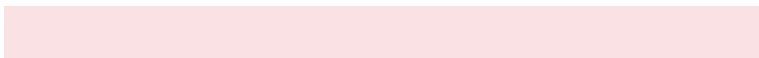
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13823209



14804728



16441828



15460309

# Rectangle

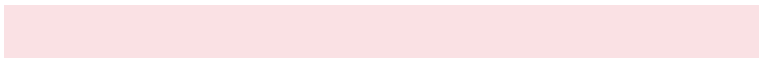
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



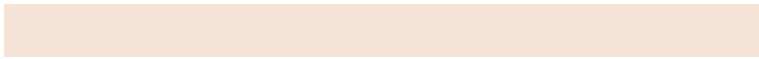
13823209



14019317



16441828



16180184



# Sweetspot

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



13823209



16252926



14019794



8028287



0



8421504



# Same Dimension

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



13823209



14614523



13820652



6976884



46496



13871



# Inverse Universe

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



15520469



16768738



15523026



7694955



11862037

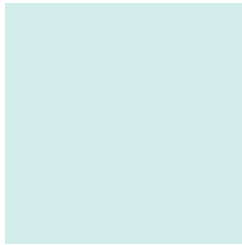


3538950



# Previews

## White Background



This preview shows how the Decimal color 13823209 looks on a white background.

## Color Contrast Check

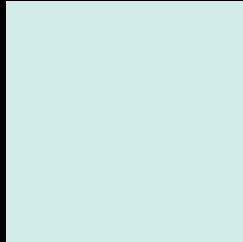
Large Text (above 18pt) WCAG AA × Fail

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 13823209 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

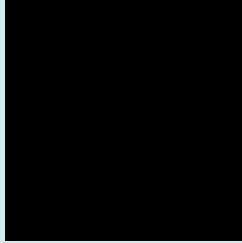
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

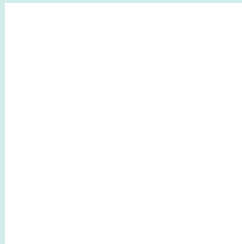
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13823209 Background



This preview shows how black text looks on a background with the Decimal color 13823209.



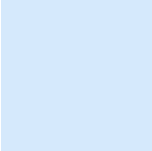
This preview shows how white text looks on a background with the Decimal color 13823209.

# 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](#).

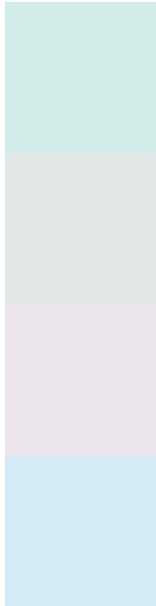
## Dichromacy





**Tritanopia**  
14019068

# Trichromacy



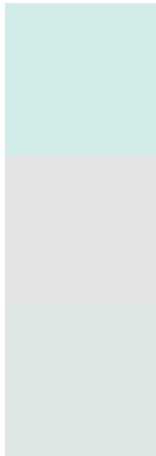
**Original Color**  
13823209

**Protanomaly**  
14805222

**Deuteranomaly**  
15459563

**Tritanomaly**  
13953781

# Monochromacy



**Original Color**  
13823209

**Achromatopsia**  
15000804

**Achromatomaly**  
14542822

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13823209 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 #D2ECE9 looks like.

```
.text, #text, p{  
    color:#D2ECE9  
}
```

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 #D2ECE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2ECE9
}
```

## Border

The CSS property to change the border of an element to Decimal 13823209 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
#D2ECE9 }
```

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

```
.border{ border-color:#D2ECE9 }
```

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

Here you see how a box with a 4 pixel #D2ECE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2ECE9; -webkit-box-shadow:4px 4px  
4px 4px #D2ECE9; box-shadow:4px 4px 4px  
4px #D2ECE9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13823209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2ECE9 }
```

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

```
.background{ background-color:#D2ECE9 }
```

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