

# Converting Colors

Decimal(13230310)

Have a look what the booklet for  
Decimal(13230310) contains.

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# **Color**

**Decimal(13230310)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9E0E6
RGB	201, 224, 230
RGB Percent	79%, 88%, 90%
CMY	0.2118, 0.1216, 0.0980
CMYK	0.13, 0.03, 0.00, 0.10
HSL	192°, 37%, 85%
HSV	192°, 13%, 90%
XYZ	65.0260, 71.4420, 85.2254
YIQ	217.8070, -15.6340, -3.0100

# Conversions

## Conversions Part 2

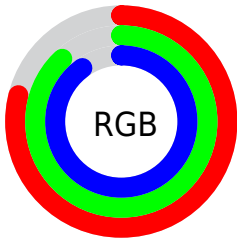
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 214, 230
Decimal	13230310
CIE Lab	87.70, -6.41, -5.53
CIE LCh	88, 8.459, 220.783
Yxy	71.4420, 0.2933, 0.3223
Android (android.graphics.Color)	4291420390 (0xFFC9E0E6)
YUV	217.8070, 6.0111, -14.7397
Hunter-Lab	84.5234, -10.5913, -0.6161

# Details

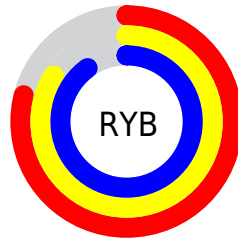
The Decimal color **13230310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15126473**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16777215**, and **9677231** is the 20% darker color. If you saturate the color by 10%, you get **11721702**, and if you desaturate by 10%, it is **14738918**.

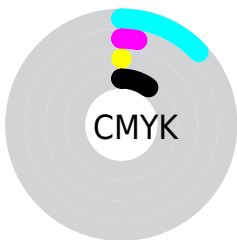
# Distribution



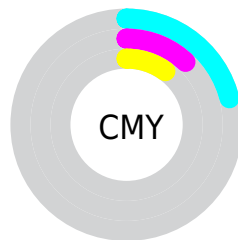
- Red (79%)
- Green (88%)
- Blue (90%)



- Red (79%)
- Yellow (84%)
- Blue (90%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (12%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13230310 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 13230310 by changing the saturation by 10% instead.



■ 13230310

16777215

■ 13230310

■ 11453642

■ 9677231

■ 7966356

■ 6321530

■ 4742241

■ 3229002

■ 1781299

■ 268830

■ 4

13230310

13230310

11721702

14738918

10213094

16247526

8704742

16772838

7196134

16774118

5687526

16775398

4178918

16776678

2670566

16777190

1161958

46822

# Harmonies

## Analogous

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



13230559



13230310



13557483

# Triad

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



13230310



15325153



14736588

# Complementary

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



13230310



15126473

# 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.



15260365



13230310



15587289

# Square

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



13230310



14801384



15587282



14082000

# Rectangle

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



13230310



13950188



15587282



14932940

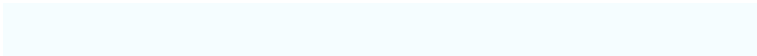


# Sweetspot

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



13230310



16121343



13231823



7962240



0



8421504

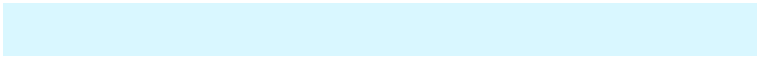


# Same Dimension

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



13230310



14284799



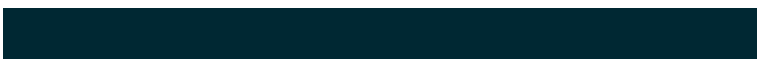
13226726



6778995



36531



10291



# Inverse Universe

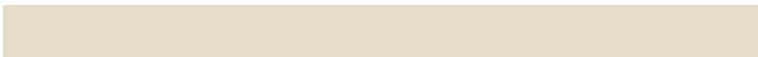
The Inverse Universe completely reimagines the original color for something new.



15124960



16767479



15130057



7563120



11731086

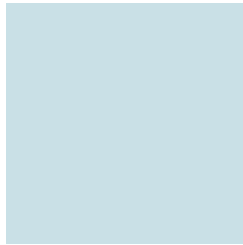


3342376



# Previews

## White Background



This preview shows how the Decimal color 13230310 looks on a white background.

## Color Contrast Check

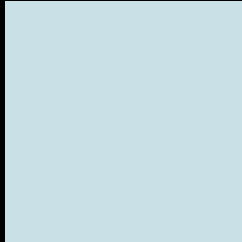
Large Text (above 18pt) WCAG AA × Fail

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 13230310 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

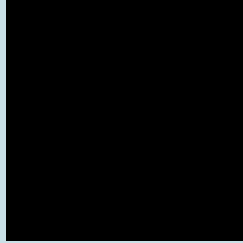
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

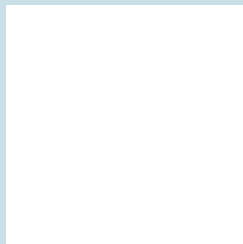
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13230310 Background



This preview shows how black text looks on a background with the Decimal color 13230310.

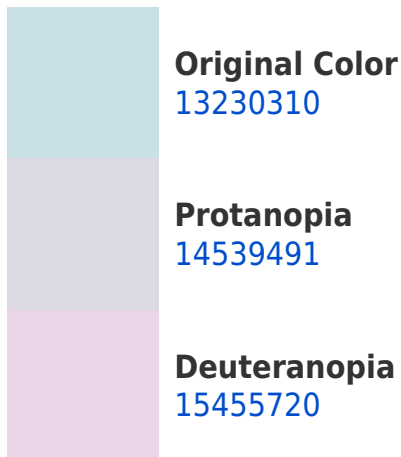


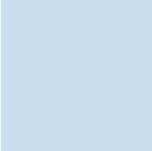
This preview shows how white text looks on a background with the Decimal color 13230310.

# 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](#).

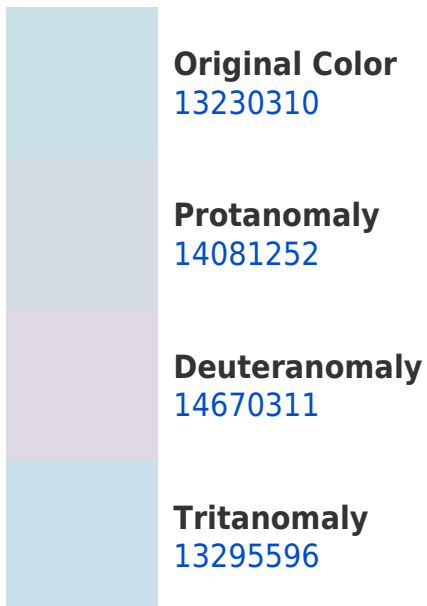
## Dichromacy





**Tritanopia**  
13360880

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13230310 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 #C9E0E6 looks like.

```
.text, #text, p{  
    color:#C9E0E6  
}
```

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 #C9E0E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9E0E6
}
```

## Border

The CSS property to change the border of an element to Decimal 13230310 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
#C9E0E6 }
```

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

```
.border{ border-color:#C9E0E6 }
```

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

Here you see how a box with a 4 pixel #C9E0E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9E0E6; -webkit-box-shadow:4px 4px  
4px 4px #C9E0E6; box-shadow:4px 4px 4px  
4px #C9E0E6 }
```

# Background

The CSS property to change the background color of an element to Decimal 13230310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9E0E6 }
```

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

```
.background{ background-color:#C9E0E6 }
```

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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