

# Converting Colors

Decimal(12309730)

Have a look what the booklet for  
Decimal(12309730) contains.

<b>Decimal(12309730)</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(12309730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBD4E2
RGB	187, 212, 226
RGB Percent	73%, 83%, 89%
CMY	0.2667, 0.1686, 0.1137
CMYK	0.17, 0.06, 0.00, 0.11
HSL	202°, 40%, 81%
HSV	202°, 17%, 89%
XYZ	57.7645, 63.1427, 81.0948
YIQ	206.1210, -19.3940, -0.9460

# Conversions

## Conversions Part 2

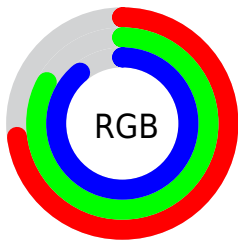
Format	Color
<a href="#">RYB</a>	<a href="#">187, 202, 226</a>
Decimal	<a href="#">12309730</a>
CIELab	<a href="#">83.52, -5.43, -9.71</a>
CIElCh	<a href="#">84, 11.124, 240.777</a>
Yxy	<a href="#">63.1427, 0.2860, 0.3126</a>
Android (android.graphics.Color)	<a href="#">4290499810</a> ( <a href="#">0xFFBBD4E2</a> )
YUV	<a href="#">206.1210, 9.8003, -16.7691</a>
Hunter-Lab	<a href="#">79.4624, -9.3003, -4.8843</a>

# Details

The Decimal color **12309730** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **14862779**, and the grayscale version is **13553358**.

A 20% lighter version of the original color is **15990783**, and **8756651** is the 20% darker color. If you saturate the color by 10%, you get **10800354**, and if you desaturate by 10%, it is **13819106**.

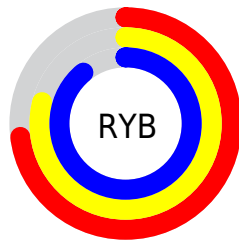
# Distribution



Red (73%)

Green (83%)

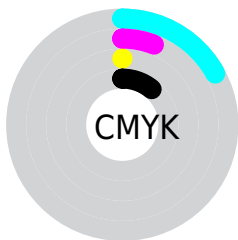
Blue (89%)



Red (73%)

Yellow (79%)

Blue (89%)

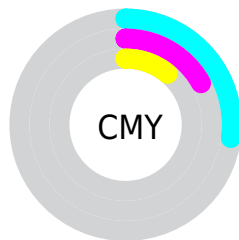


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (17%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12309730 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 12309730 by changing the saturation by 10% instead.



■ 12309730

16777215

■ 15990783

■ 12309730

■ 10533062

■ 8756651

■ 7111568

■ 5466743

■ 3887710

■ 2374470

■ 861488

■ 4379

■ 0

■ 12309730

■ 12309730

■ 10800354

■ 13819106

■ 9356514

■ 15262946

■ 7847138

■ 16772322

■ 6403298

■ 16774370

■ 4893666

■ 16776674

■ 3384290

■ 16777186

■ 1940450

■ 431074

■ 37346

# Harmonies

## Analogous

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



11982554



12309730



13029861

# Triad

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



12309730



15124944



13489086

# Complementary

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



12309730



14862779

# 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.



14274491



12309730



15190726

# Square

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



12309730



14600923



14863550



12703174

# Rectangle

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



12309730



13553636



14863550



13750973



# Sweetspot

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



12309730



15923967



12313289



7896448



0



8421504

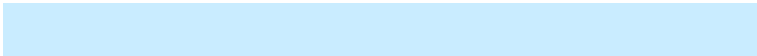


# Same Dimension

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



12309730



13233407



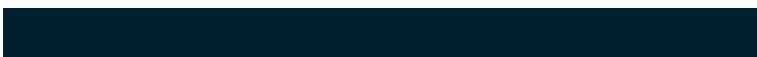
12304866



6646896



29104



7984



# Inverse Universe

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



14859220



16763372



14867643



7365996



11534449

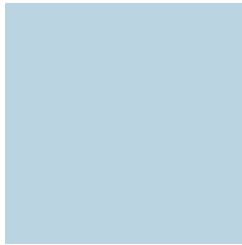


3145759



# Previews

## White Background



This preview shows how the Decimal color 12309730 looks on a white background.

## Color Contrast Check

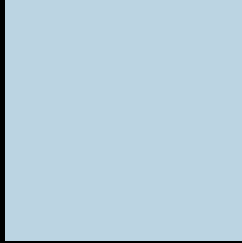
Large Text (above 18pt) WCAG AA × Fail

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 12309730 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

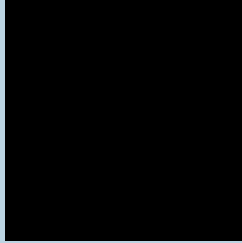
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

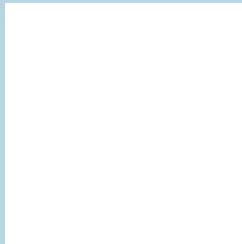
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12309730 Background



This preview shows how black text looks on a background with the Decimal color 12309730.

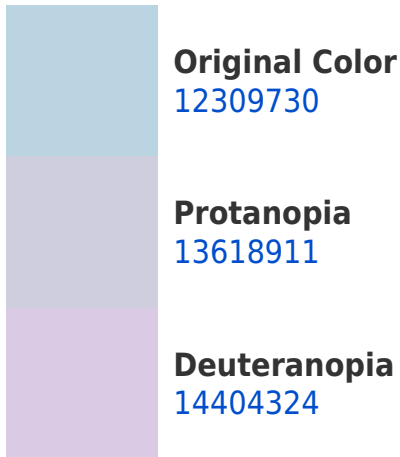


This preview shows how white text looks on a background with the Decimal color 12309730.

# 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](#).

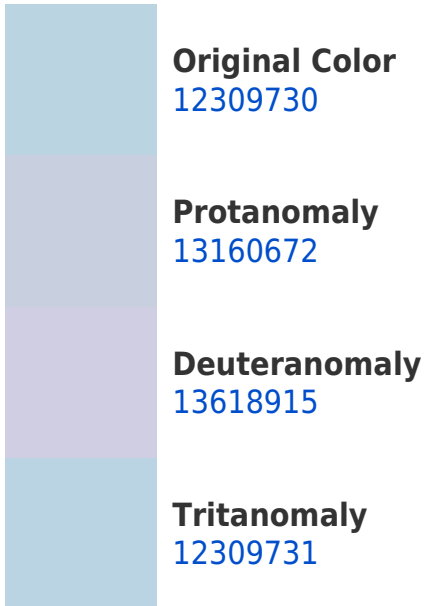
## Dichromacy





**Tritanopia**  
12309732

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12309730 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 #BBD4E2 looks like.

```
.text, #text, p{  
    color:#BBD4E2  
}
```

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 #BBD4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD4E2
}
```

## Border

The CSS property to change the border of an element to Decimal 12309730 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
#BBD4E2 }
```

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

```
.border{ border-color:#BBD4E2 }
```

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

Here you see how a box with a 4 pixel #BBD4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD4E2; -webkit-box-shadow:4px 4px  
4px 4px #BBD4E2; box-shadow:4px 4px 4px  
4px #BBD4E2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12309730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD4E2 }
```

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

```
.background{ background-color:#BBD4E2 }
```

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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