

# Converting Colors

Decimal(11983049)

Have a look what the booklet for  
Decimal(11983049) contains.

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# **Color**

**Decimal(11983049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6D8C9
RGB	182, 216, 201
RGB Percent	71%, 85%, 79%
CMY	0.2863, 0.1529, 0.2118
CMYK	0.16, 0.00, 0.07, 0.15
HSL	154°, 30%, 78%
HSV	154°, 16%, 85%
XYZ	54.3899, 63.2739, 64.6048
YIQ	204.1240, -15.4490, -11.8730

# Conversions

## Conversions Part 2

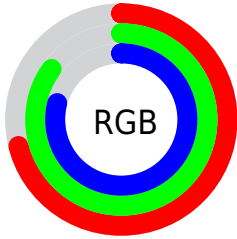
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	182, 204, 216
Decimal	11983049
CIE <sub>Lab</sub>	83.59, -14.14, 3.64
CIE <sub>LCh</sub>	84, 14.602, 165.564
Yxy	63.2739, 0.2984, 0.3471
Android (android.graphics.Color)	4290173129 (0xFFB6D8C9)
YUV	204.1240, -1.5401, -19.4027
Hunter-Lab	79.5449, -17.1517, 7.5272

# Details

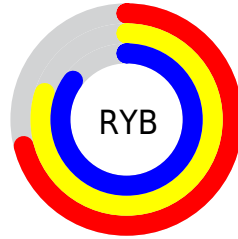
The Decimal color **11983049** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14202565**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **15663103**, and **8495507** is the 20% darker color. If you saturate the color by 10%, you get **10541247**, and if you desaturate by 10%, it is **13424851**.

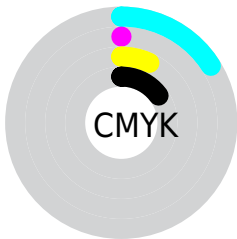
# Distribution



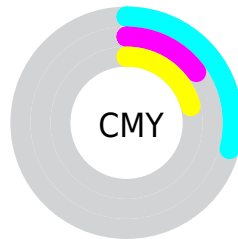
- Red (71%)
- Green (85%)
- Blue (79%)



- Red (71%)
- Yellow (80%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11983049 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 11983049 by changing the saturation by 10% instead.



■ 11983049

16777215

■ 15663103

■ 11983049

■ 10206382

■ 8495507

■ 6784889

■ 5205601

■ 3626313

■ 2178610

■ 731165

■ 5124

■ 0

 11983049

 11983049

 10541247

 13424851

 9164982

 14801116

 7723180

 16242918

 6346915

 16767215

 4905113

 16767225

 3463312

 16767231

 2087046

 645245

 55417

# Harmonies

## Analogous

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



12900029



11983049



11458775

# Triad

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



11983049



13357035



15452605

# Complementary

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



11983049



14202565

# 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.



15648713



11983049



14470116

# Square

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



11983049



12244203



15255768



14863798

# Rectangle

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



11983049



11458784



15255768



15583425



# Sweetspot

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



11983049



15925241



12966070



7897212



0



8421504

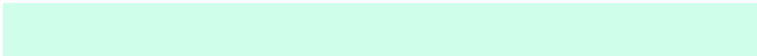


# Same Dimension

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



11983049



13631466



11982552



6318950



43871



11032



# Inverse Universe

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



14202565



16764900



14203062



7037029



11206731



2818067



# Previews

## White Background



This preview shows how the Decimal color 11983049 looks on a white background.

## Color Contrast Check

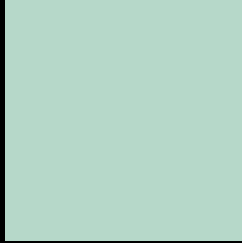
Large Text (above 18pt) WCAG AA × Fail

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 11983049 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

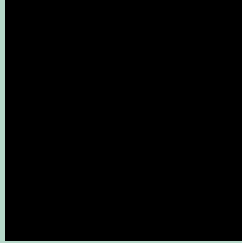
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

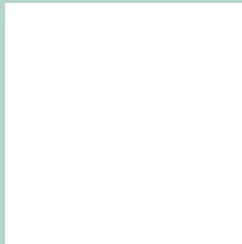
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11983049 Background



This preview shows how black text looks on a background with the Decimal color 11983049.



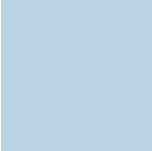
This preview shows how white text looks on a background with the Decimal color 11983049.

# 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](#).

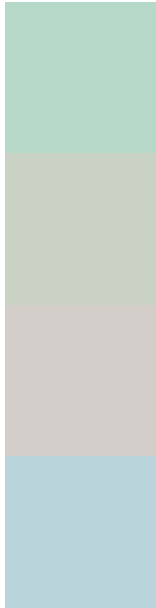
## Dichromacy





**Tritanopia**  
12309733

# Trichromacy



**Original Color**  
11983049

**Protanomaly**  
13292230

**Deuteranomaly**  
13946571

**Tritanomaly**  
12178907

# Monochromacy



**Original Color**  
11983049

**Achromatopsia**  
13421772

**Achromatomaly**  
12898507

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11983049 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 #B6D8C9 looks like.

```
.text, #text, p{  
    color:#B6D8C9  
}
```

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 #B6D8C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6D8C9
}
```

## Border

The CSS property to change the border of an element to Decimal 11983049 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
#B6D8C9 }
```

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

```
.border{ border-color:#B6D8C9 }
```

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

Here you see how a box with a 4 pixel #B6D8C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6D8C9; -webkit-box-shadow:4px 4px  
4px 4px #B6D8C9; box-shadow:4px 4px 4px  
4px #B6D8C9 }
```

# Background

The CSS property to change the background color of an element to Decimal 11983049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6D8C9 }
```

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

```
.background{ background-color:#B6D8C9 }
```

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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