

# Converting Colors

Decimal(11849149)

Have a look what the booklet for  
Decimal(11849149) contains.

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# **Color**

**Decimal(11849149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4CDBD
RGB	180, 205, 189
RGB Percent	71%, 80%, 74%
CMY	0.2941, 0.1961, 0.2588
CMYK	0.12, 0.00, 0.08, 0.20
HSL	142°, 20%, 75%
HSV	142°, 12%, 80%
XYZ	49.8390, 57.0401, 56.5272
YIQ	195.7010, -9.7640, -10.2760

# Conversions

## Conversions Part 2

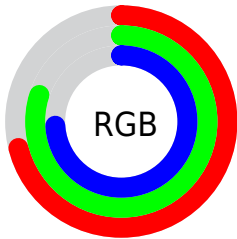
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	180, 198, 205
Decimal	11849149
CIE Lab	80.20, -11.47, 5.12
CIE LCh	80, 12.563, 155.930
Yxy	57.0401, 0.3050, 0.3491
Android (android.graphics.Color)	4290039229 (0xFFB4CDBD)
YUV	195.7010, -3.3036, -13.7698
Hunter-Lab	75.5249, -14.3760, 8.4914

# Details

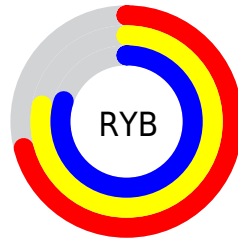
The Decimal color **11849149** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13481156**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **15532021**, and **8361864** is the 20% darker color. If you saturate the color by 10%, you get **10538416**, and if you desaturate by 10%, it is **13225418**.

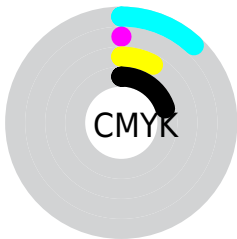
# Distribution



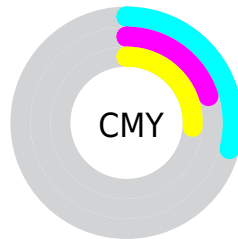
- Red (71%)
- Green (80%)
- Blue (74%)



- Red (71%)
- Yellow (78%)
- Blue (80%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11849149 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 11849149 by changing the saturation by 10% instead.





 11849149

 11849149

 10538416

 13225418

 9162147

 14536151

 7851414

 15912420

 6475145

 16764401

 5164411

 16764415

 3788142

 2477409

 1101140

 52554

# Harmonies

## Analogous

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



12700340



11849149



11259593

# Triad

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



11849149



12437470



14729402

# Complementary

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



11849149



13481156

# 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.



14663621



11849149



13419482

# Square

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



11849149



11652060



14270673



14271410

# Rectangle

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



11849149



11128529



14270673



14729149



# Sweetspot

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



11849149



16121848



12897716



7962747



0



8421504

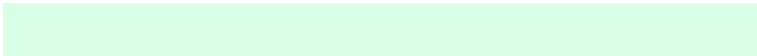


# Same Dimension

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



11849149



14286823



11849161



6055519



42556



9742



# Inverse Universe

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



13481156



16767473



13481144



6708322



10879082



2490392



# Previews

## White Background



This preview shows how the Decimal color 11849149 looks on a white background.

## Color Contrast Check

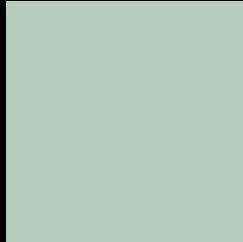
Large Text (above 18pt) WCAG AA × Fail

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 11849149 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

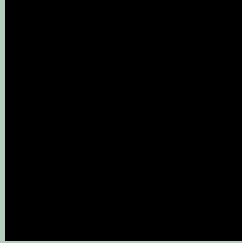
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

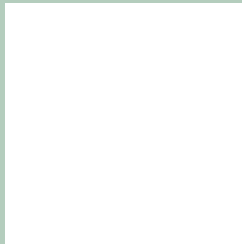
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11849149 Background



This preview shows how black text looks on a background with the Decimal color 11849149.




This preview shows how white text looks on a background with the Decimal color 11849149.

# 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**  
12175833

# Trichromacy



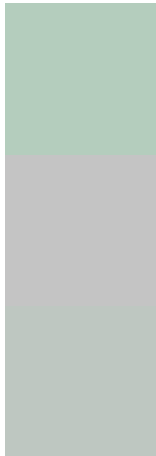
**Original Color**  
11849149

**Protanomaly**  
12896698

**Deuteranomaly**  
13485503

**Tritanomaly**  
12045007

# Monochromacy



**Original Color**  
11849149

**Achromatopsia**  
12895428

**Achromatomaly**  
12502977

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11849149 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 #B4CDBD looks like.

```
.text, #text, p{  
    color:#B4CDBD  
}
```

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 #B4CDBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4CDBD
}
```

## Border

The CSS property to change the border of an element to Decimal 11849149 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
#B4CDBD }
```

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

```
.border{ border-color:#B4CDBD }
```

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

Here you see how a box with a 4 pixel #B4CDBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4CDBD; -webkit-box-shadow:4px 4px  
4px 4px #B4CDBD; box-shadow:4px 4px 4px  
4px #B4CDBD }
```

# Background

The CSS property to change the background color of an element to Decimal 11849149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4CDBD }
```

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

```
.background{ background-color:#B4CDBD }
```

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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