

# Converting Colors

Decimal(11718354)

Have a look what the booklet for  
Decimal(11718354) contains.

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# **Color**

**Decimal(11718354)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2CED2
RGB	178, 206, 210
RGB Percent	70%, 81%, 82%
CMY	0.3020, 0.1922, 0.1765
CMYK	0.15, 0.02, 0.00, 0.18
HSL	187°, 26%, 76%
HSV	187°, 15%, 82%
XYZ	52.0643, 58.2607, 69.4741
YIQ	198.0840, -17.9720, -4.6920

# Conversions

## Conversions Part 2

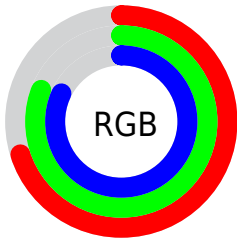
Format	Color
R <sub>Y</sub> B	178, 193, 210
Decimal	11718354
CIE Lab	80.88, -8.49, -5.14
CIE LCh	81, 9.928, 211.179
Yxy	58.2607, 0.2896, 0.3240
Android (android.graphics.Color)	4289908434 (0xFFB2CED2)
YUV	198.0840, 5.8746, -17.6137
Hunter-Lab	76.3287, -11.8194, -0.5354

# Details

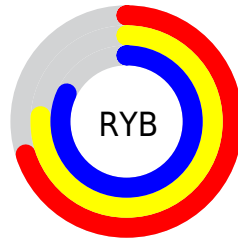
The Decimal color **11718354** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13809330**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **15400959**, and **8231068** is the 20% darker color. If you saturate the color by 10%, you get **10341330**, and if you desaturate by 10%, it is **13095378**.

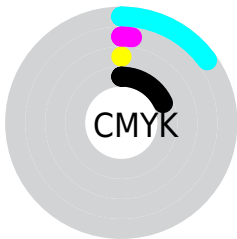
# Distribution



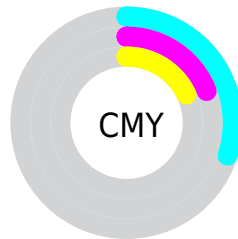
- Red (70%)
- Green (81%)
- Blue (82%)



- Red (70%)
- Yellow (76%)
- Blue (82%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (19%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11718354 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 11718354 by changing the saturation by 10% instead.



■ 11718354

■ 11718354

16777215

■ 9941686

■ 15400959

■ 8231068

■ 6585986

■ 4941160





















■ 3427664

■ 1914425

■ 467236

■ 1807

■ 0

 11718354	 11718354
 10341330	 13095378
 8964562	 14472146
 7587538	 15849170
 6210770	 16767186
 4833746	 16767954
 3456722	 16768722
 2079954	 16769234
 702930	 16770002
 47314	 16770770

# Harmonies

## Analogous

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



11849417



11718354



11979993

# Triad

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



11718354



14075090



13682870

# Complementary

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



11718354



13809330

# 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.



14271929



11718354



14468041

# Square

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



11718354



13354713



14533568



13028281

# Rectangle

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



11718354



12372699



14533568



13879223



# Sweetspot

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



11718354



15924735



11719350



7896960



0



8421504

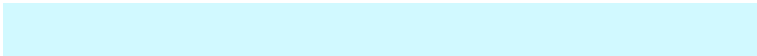


# Same Dimension

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



11718354



13761023



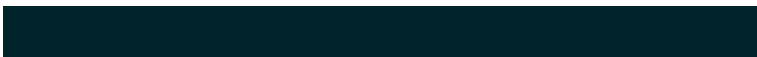
11714258



6186857



37800



9257



# Inverse Universe

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



13808334



16765433



13813426



6905447



11010195



2687012



# Previews

## White Background



This preview shows how the Decimal color 11718354 looks on a white background.

## Color Contrast Check

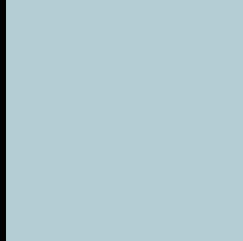
Large Text (above 18pt) WCAG AA × Fail

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 11718354 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

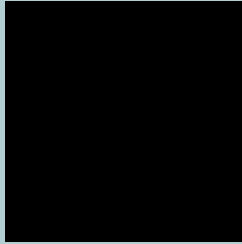
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

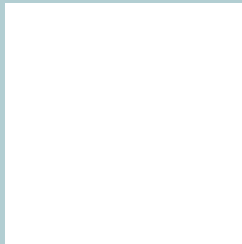
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11718354 Background



This preview shows how black text looks on a background with the Decimal color 11718354.



This preview shows how white text looks on a background with the Decimal color 11718354.

# Color Blindness Simulation

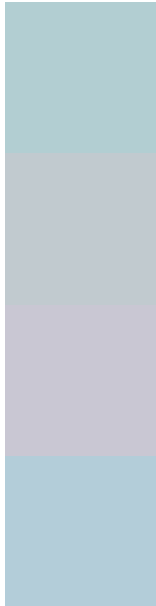
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



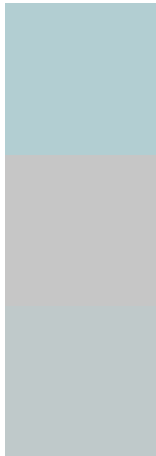
**Original Color**  
11718354

**Protanomaly**  
12700367

**Deuteranomaly**  
13223891

**Tritanomaly**  
11783641

# Monochromacy



**Original Color**  
11718354

**Achromatopsia**  
13027014

**Achromatomaly**  
12569034

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11718354 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 #B2CED2 looks like.

```
.text, #text, p{  
    color:#B2CED2  
}
```

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 #B2CED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CED2
}
```

## Border

The CSS property to change the border of an element to Decimal 11718354 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
#B2CED2 }
```

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

```
.border{ border-color:#B2CED2 }
```

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

Here you see how a box with a 4 pixel #B2CED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CED2; -webkit-box-shadow:4px 4px  
4px 4px #B2CED2; box-shadow:4px 4px 4px  
4px #B2CED2 }
```

# Background

The CSS property to change the background color of an element to Decimal 11718354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CED2 }
```

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

```
.background{ background-color:#B2CED2 }
```

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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