

# Converting Colors

Decimal(11198956)

Have a look what the booklet for  
Decimal(11198956) contains.

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# **Color**

**Decimal(11198956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAE1EC
RGB	170, 225, 236
RGB Percent	67%, 88%, 93%
CMY	0.3333, 0.1176, 0.0745
CMYK	0.28, 0.05, 0.00, 0.07
HSL	190°, 63%, 80%
HSV	190°, 28%, 93%
XYZ	58.6431, 68.4526, 89.4787
YIQ	209.8090, -36.3110, -8.2390

# Conversions

## Conversions Part 2

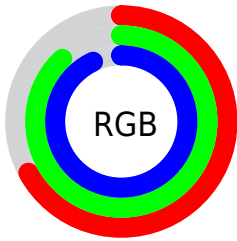
Format	Color
<a href="#">RYB</a>	<a href="#">170, 200, 236</a>
Decimal	<a href="#">11198956</a>
CIELab	<a href="#">86.23, -15.00, -11.07</a>
CIELCh	<a href="#">86, 18.640, 216.438</a>
Yxy	<a href="#">68.4526, 0.2708, 0.3161</a>
Android (android.graphics.Color)	<a href="#">4289389036 (0xFFAAE1EC)</a>
YUV	<a href="#">209.8090, 12.9122, -34.9125</a>
Hunter-Lab	<a href="#">82.7361, -18.2679, -6.2066</a>

# Details

The Decimal color **11198956** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **15513002**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **14942207**, and **7645876** is the 20% darker color. If you saturate the color by 10%, you get **9625068**, and if you desaturate by 10%, it is **12772844**.

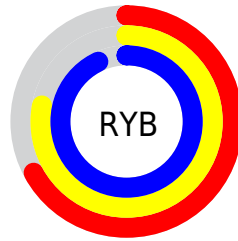
# Distribution



Red (67%)

Green (88%)

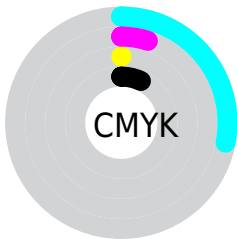
Blue (93%)



Red (67%)

Yellow (78%)

Blue (93%)

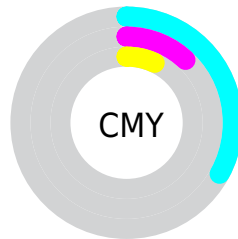


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (12%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11198956 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 11198956 by changing the saturation by 10% instead.





11198956

11198956

9625068

12772844

8116716

14281196

6542828

15855084

5034476

16773612

3460588

16774636

1886700

16775660

378348

16776684

50668

16777196

# Harmonies

## Analogous

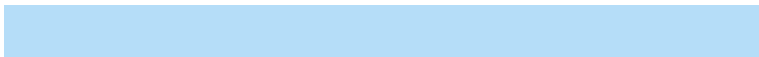
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11395803



11198956



11918840

# Triad

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



11198956



15912422



14866613

# Complementary

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



11198956



15513002

# 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.



15913656



11198956



16567508

# Square

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



11198956



14734068



16567748



13557179

# Rectangle

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



11198956



12770043



16567748



15259317

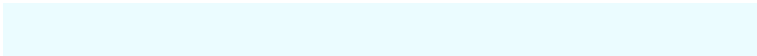


# Sweetspot

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



11198956



15465727



11201717



7568768



0



8421504

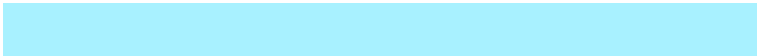


# Same Dimension

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



11198956



11071999



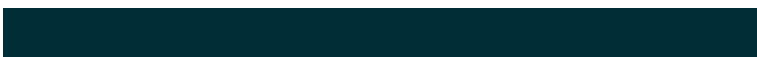
11190508



6976373



38837



11574



# Inverse Universe

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



15510241



16754929



15521450



7694963



11862167

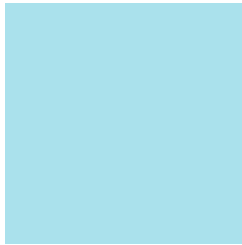


3538989



# Previews

## White Background



This preview shows how the Decimal color 11198956 looks on a white background.

## Color Contrast Check

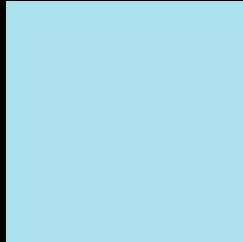
Large Text (above 18pt) WCAG AA × Fail

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 11198956 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

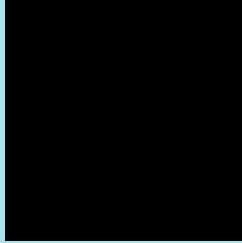
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11198956 Background



This preview shows how black text looks on a background with the Decimal color 11198956.

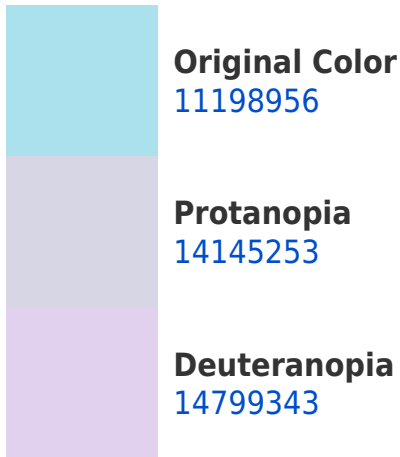


This preview shows how white text looks on a background with the Decimal color 11198956.

# 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**  
11264242

# Trichromacy



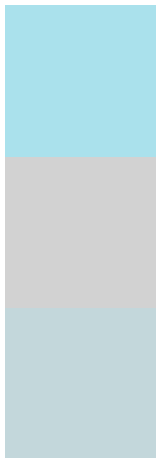
**Original Color**  
11198956

**Protanomaly**  
13097704

**Deuteranomaly**  
13490158

**Tritanomaly**  
11264240

# Monochromacy



**Original Color**  
11198956

**Achromatopsia**  
13816530

**Achromatomaly**  
12834779

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11198956 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 #AAE1EC looks like.

```
.text, #text, p{  
    color:#AAE1EC  
}
```

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 #AAE1EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAE1EC
}
```

## Border

The CSS property to change the border of an element to Decimal 11198956 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
#AAE1EC }
```

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

```
.border{ border-color:#AAE1EC }
```

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

Here you see how a box with a 4 pixel #AAE1EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAE1EC; -webkit-box-shadow:4px 4px  
4px 4px #AAE1EC; box-shadow:4px 4px 4px  
4px #AAE1EC }
```

# Background

The CSS property to change the background color of an element to Decimal 11198956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAE1EC }
```

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

```
.background{ background-color:#AAE1EC }
```

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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