

# Converting Colors

Decimal(11197891)

Have a look what the booklet for  
Decimal(11197891) contains.

<b>Decimal(11197891)</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(11197891)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AADDC3
RGB	170, 221, 195
RGB Percent	67%, 87%, 76%
CMY	0.3333, 0.1333, 0.2353
CMYK	0.23, 0.00, 0.12, 0.13
HSL	149°, 43%, 77%
HSV	149°, 23%, 87%
XYZ	52.2843, 64.1991, 61.2657
YIQ	202.7870, -22.0500, -18.8980

# Conversions

## Conversions Part 2

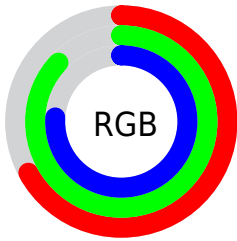
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 204, 221
Decimal	11197891
CIELab	84.07, -21.65, 7.42
CIELCh	84, 22.887, 161.083
Yxy	64.1991, 0.2941, 0.3612
Android (android.graphics.Color)	4289387971 (0xFFAADC3)
YUV	202.7870, -3.8390, -28.7542
Hunter-Lab	80.1243, -23.7392, 10.7519

# Details

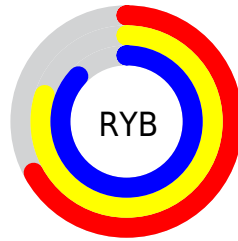
The Decimal color **11197891** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14527172**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **14876668**, and **7710349** is the 20% darker color. If you saturate the color by 10%, you get **9756088**, and if you desaturate by 10%, it is **12639694**.

# Distribution



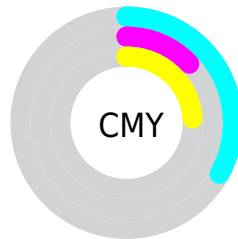
- Red (67%)
- Green (87%)
- Blue (76%)



- Red (67%)
- Yellow (80%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (33%)
- Magenta (13%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 11197891 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 11197891 by changing the saturation by 10% instead.





 11197891

 11197891

 9756088

 12639694

 8314284

 14081498

 6872481

 15523301

 5430678

 16768496

 3923339

 16768507

 2481535

 16768511

 1039732

 56684

# Harmonies

## Analogous

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



12769713



11197891



10149593

# Triad

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



11197891



12833276



16565686

# Complementary

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



11197891



14527172

# 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.



16696266



11197891



14666482

# Square

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



11197891



11065594



16041184



15715497

# Rectangle

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



11197891



9952743



16041184



16696508



# Sweetspot

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



11197891



15597558



12901802



7700602



0



8421504

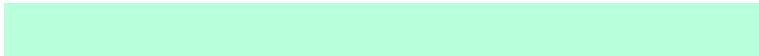


# Same Dimension

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



11197891



12124123



11197916



6516328



44373



11798



# Inverse Universe

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



14527172



16759004



14527147



7234408



11337816

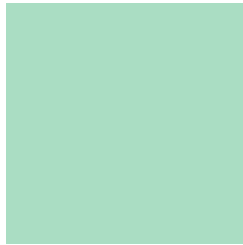


3014679



# Previews

## White Background



This preview shows how the Decimal color 11197891 looks on a white background.

## Color Contrast Check

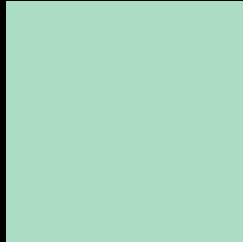
Large Text (above 18pt) WCAG AA × Fail

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 11197891 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

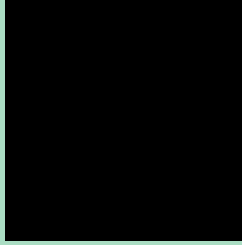
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

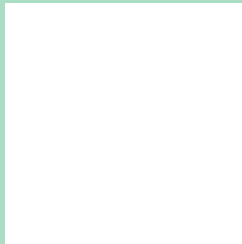
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11197891 Background



This preview shows how black text looks on a background with the Decimal color 11197891.



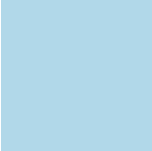
This preview shows how white text looks on a background with the Decimal color 11197891.

# 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**  
11655401

# Trichromacy



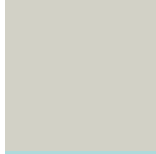
**Original Color**

11197891



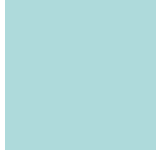
**Protanomaly**

13227455



**Deuteranomaly**

13816262



**Tritanomaly**

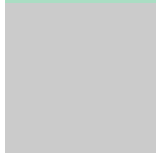
11459291

# Monochromacy



**Original Color**

11197891



**Achromatopsia**

13355979



**Achromatomaly**

12571336

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11197891 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 #AADDCC3 looks like.

```
.text, #text, p{  
    color:#AADDCC3  
}
```

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 #AADDC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AADDC3  
}
```

## Border

The CSS property to change the border of an element to Decimal 11197891 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  
#AADDC3 }
```

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

```
.border{ border-color:#AADDC3 }
```

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

Here you see how a box with a 4 pixel #AADDC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AADDC3; -webkit-box-shadow:4px 4px  
4px 4px #AADDC3; box-shadow:4px 4px 4px  
4px #AADDC3 }
```

# Background

The CSS property to change the background color of an element to Decimal 11197891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AADD3 }  
}
```

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

```
.background{ background-color:#AADD3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor