

# Converting Colors

Decimal(11068132)

Have a look what the booklet for  
Decimal(11068132) contains.

<b>Decimal(11068132)</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(11068132)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8E2E4
RGB	168, 226, 228
RGB Percent	66%, 89%, 89%
CMY	0.3412, 0.1137, 0.1059
CMYK	0.26, 0.01, 0.00, 0.11
HSL	182°, 53%, 78%
HSV	182°, 26%, 89%
XYZ	57.3484, 68.3190, 83.5631
YIQ	208.8860, -35.2100, -11.6740

# Conversions

## Conversions Part 2

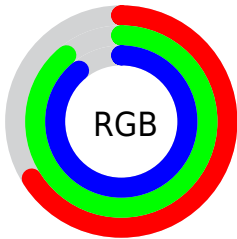
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 197, 228
Decimal	11068132
CIELab	86.17, -17.87, -6.96
CIElCh	86, 19.174, 201.294
Yxy	68.3190, 0.2741, 0.3265
Android (android.graphics.Color)	4289258212 (0xFFA8E2E4)
YUV	208.8860, 9.4232, -35.8570
Hunter-Lab	82.6553, -20.7988, -2.0825

# Details

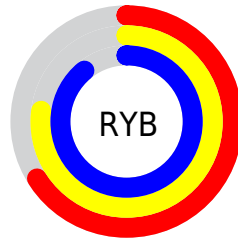
The Decimal color **11068132** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14985896**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **14811135**, and **7515053** is the 20% darker color. If you saturate the color by 10%, you get **9560548**, and if you desaturate by 10%, it is **12575716**.

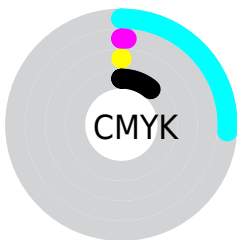
# Distribution



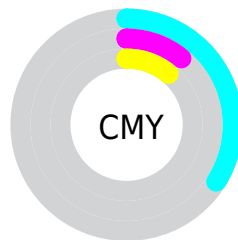
- Red (66%)
- Green (89%)
- Blue (89%)



- Red (66%)
- Yellow (77%)
- Blue (89%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



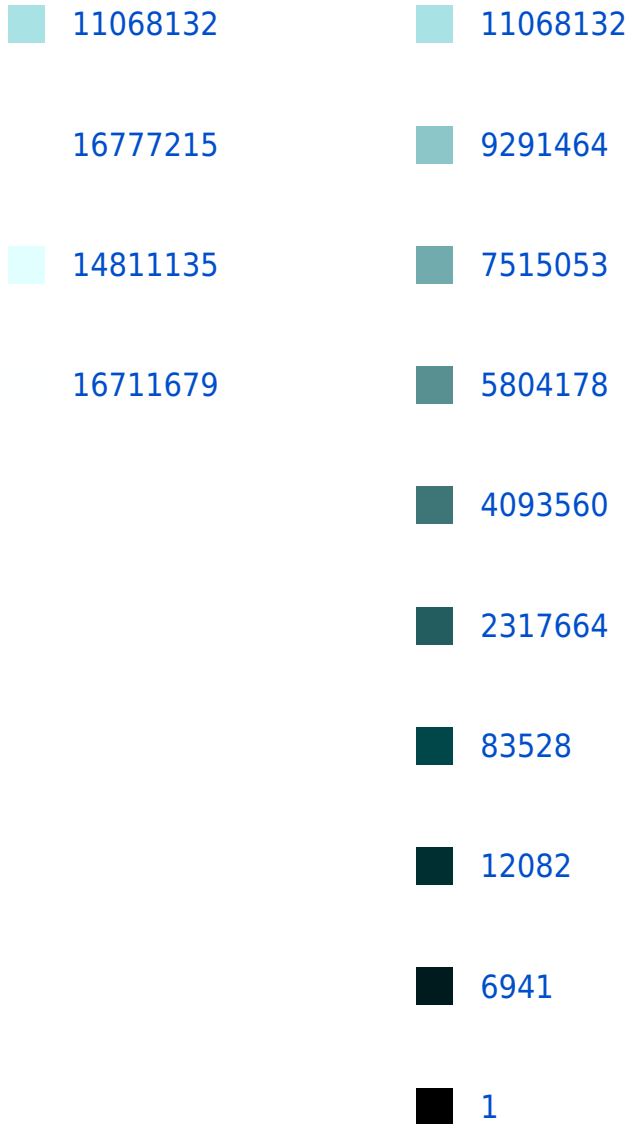
- Cyan (34%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11068132 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 11068132 by changing the saturation by 10% instead.





 11068132

 11068132

 9560548

 12575716

 8052964

 14083300

 6611172

 15525092

 5103588

 16770532

 3596004

 16770788

 2088420

 16771044

 581092

 16771300

 56548

 16771556

# Harmonies

## Analogous

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



11657937



11068132



11329779

# Triad

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



11068132



15388654



15455412

# Complementary

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



11068132



14985896

# 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.



16371644



11068132



16370654

# Square

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



11068132



13948409



16698315



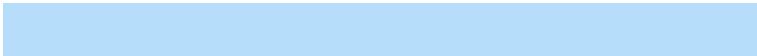
14211766

# Rectangle

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



11068132



11984377



16698315



15848118

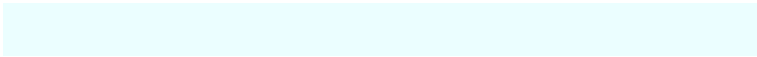


# Sweetspot

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



11068132



15466239



11068586



7569280



0



8421504



# Same Dimension

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



11068132



11402495



11060452



6779507



44467



12595



# Inverse Universe

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



14985442



16756220



14993576



7563122



11731117

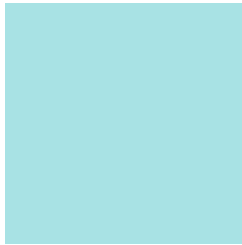


3342385



# Previews

## White Background



This preview shows how the Decimal color 11068132 looks on a white background.

## Color Contrast Check

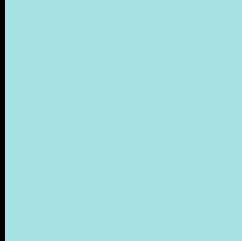
Large Text (above 18pt) WCAG AA × Fail

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 11068132 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

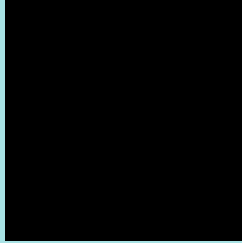
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11068132 Background



This preview shows how black text looks on a background with the Decimal color 11068132.



This preview shows how white text looks on a background with the Decimal color 11068132.

# 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



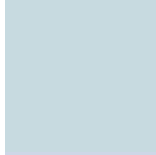


**Tritanopia**  
11264242

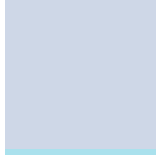
# Trichromacy



**Original Color**  
11068132



**Protanomaly**  
13097696



**Deuteranomaly**  
13555687

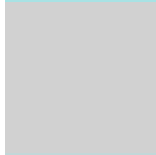


**Tritanomaly**  
11198957

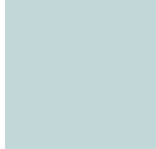
# Monochromacy



**Original Color**  
11068132



**Achromatopsia**  
13750737



**Achromatomaly**  
12769240

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11068132 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 #A8E2E4 looks like.

```
.text, #text, p{  
    color:#A8E2E4  
}
```

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 #A8E2E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8E2E4
}
```

## Border

The CSS property to change the border of an element to Decimal 11068132 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
#A8E2E4 }
```

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

```
.border{ border-color:#A8E2E4 }
```

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

Here you see how a box with a 4 pixel #A8E2E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8E2E4; -webkit-box-shadow:4px 4px  
4px 4px #A8E2E4; box-shadow:4px 4px 4px  
4px #A8E2E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 11068132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8E2E4 }
```

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

```
.background{ background-color:#A8E2E4 }
```

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