

# Converting Colors

Decimal(11256749)

Have a look what the booklet for  
Decimal(11256749) contains.

<b>Decimal(11256749)</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(11256749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABC3AD
RGB	171, 195, 173
RGB Percent	67%, 76%, 68%
CMY	0.3294, 0.2353, 0.3216
CMYK	0.12, 0.00, 0.11, 0.24
HSL	125°, 17%, 72%
HSV	125°, 12%, 76%
XYZ	43.8525, 50.7053, 47.0110
YIQ	185.3160, -7.2420, -11.9300

# Conversions

## Conversions Part 2

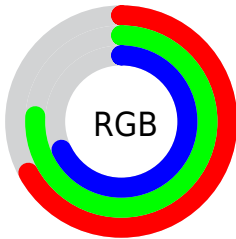
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 193, 195
Decimal	11256749
CIELab	76.50, -12.35, 8.32
CIELCh	77, 14.892, 146.031
Yxy	50.7053, 0.3098, 0.3582
Android (android.graphics.Color)	4289446829 (0xFFABC3AD)
YUV	185.3160, -6.0718, -12.5551
Hunter-Lab	71.2076, -14.6859, 10.7023

# Details

The Decimal color **11256749** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12823489**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **14875876**, and **7835001** is the 20% darker color. If you saturate the color by 10%, you get **10011547**, and if you desaturate by 10%, it is **12501951**.

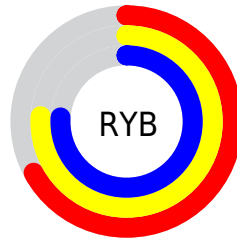
# Distribution



Red (67%)

Green (76%)

Blue (68%)



Red (67%)

Yellow (76%)

Blue (76%)

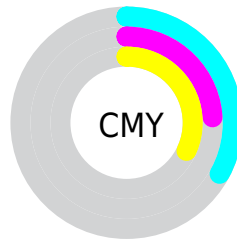


Cyan (12%)

Magenta (0%)

Yellow (11%)

Black (24%)



Cyan (33%)

Magenta (24%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11256749 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 11256749 by changing the saturation by 10% instead.



■ 11256749

■ 11256749

16777215

■ 9480338

■ 14875876

■ 7835001

■ 6190176

■ 4610888

■ 3097650

■ 1715485

■ 71939

■ 0

■ 11256749

■ 11256749

 10011547

 12501951

 8700809

 13812689

 7390071

 15123427

 6144870

 16368628

 4899668

 16761855

 3588930

 2343728

 1032990

 49936

# Harmonies

## Analogous

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



12304548



11256749



10405306

# Triad

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



11256749



11321048



14333105

# Complementary

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



11256749



12823489

# 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.



14136255



11256749



12434133

# Square

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



11256749



10404563



13481676



14006182

# Rectangle

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



11256749



10143172



13481676



14332854



# Sweetspot

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



11256749



15924467



12698539



7962746



0



8421504

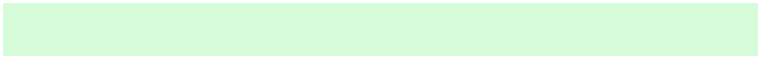


# Same Dimension

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



11256749



14154970



11256761



5726552



41229



8451



# Inverse Universe

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



12823489



16570361



12823477



6379360



10551443



2162718



# Previews

## White Background



This preview shows how the Decimal color 11256749 looks on a white background.

## Color Contrast Check

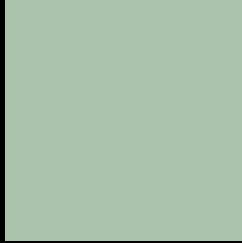
Large Text (above 18pt) WCAG AA × Fail

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 11256749 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

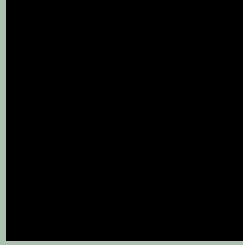
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11256749 Background



This preview shows how black text looks on a background with the Decimal color 11256749.



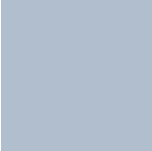
This preview shows how white text looks on a background with the Decimal color 11256749.

# 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](#).

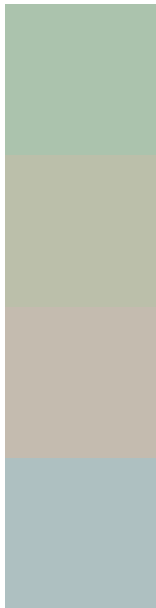
## Dichromacy





**Tritanopia**  
11583181

# Trichromacy



**Original Color**  
11256749

**Protanomaly**  
12304298

**Deuteranomaly**  
12893103

**Tritanomaly**  
11452609

# Monochromacy



**Original Color**  
11256749

**Achromatopsia**  
12171705

**Achromatomaly**  
11845045

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11256749 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 #ABC3AD looks like.

```
.text, #text, p{  
    color:#ABC3AD  
}
```

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 #ABC3AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABC3AD
}
```

## Border

The CSS property to change the border of an element to Decimal 11256749 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
#ABC3AD }
```

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

```
.border{ border-color:#ABC3AD }
```

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

Here you see how a box with a 4 pixel #ABC3AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABC3AD; -webkit-box-shadow:4px 4px  
4px 4px #ABC3AD; box-shadow:4px 4px 4px  
4px #ABC3AD }
```

# Background

The CSS property to change the background color of an element to Decimal 11256749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABC3AD }
```

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

```
.background{ background-color:#ABC3AD }
```

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