

# Converting Colors

Decimal(11303280)

Have a look what the booklet for  
Decimal(11303280) contains.

<b>Decimal(11303280)</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(11303280)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7970
RGB	172, 121, 112
RGB Percent	67%, 47%, 44%
CMY	0.3255, 0.5255, 0.5608
CMYK	0.00, 0.30, 0.35, 0.33
HSL	9°, 27%, 56%
HSV	9°, 35%, 67%
XYZ	26.7753, 23.6153, 18.4762
YIQ	135.2230, 33.2850, 8.0130

# Conversions

## Conversions Part 2

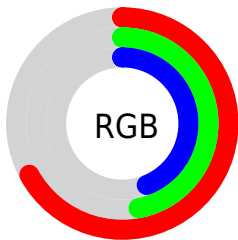
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 123, 112
Decimal	11303280
CIE Lab	55.70, 18.72, 12.90
CIE LCh	56, 22.728, 34.569
Yxy	23.6153, 0.3888, 0.3429
Android (android.graphics.Color)	4289493360 (0xFFAC7970)
YUV	135.2230, -11.4489, 32.2534
Hunter-Lab	48.5955, 13.3081, 11.4746

# Details

The Decimal color **11303280** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7381932**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **15052452**, and **7751744** is the 20% darker color. If you saturate the color by 10%, you get **11299423**, and if you desaturate by 10%, it is **11307137**.

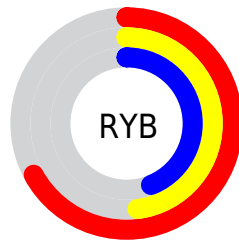
# Distribution



Red (67%)

Green (47%)

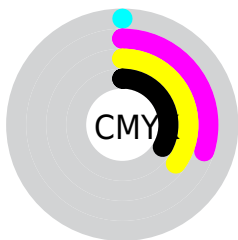
Blue (44%)



Red (67%)

Yellow (48%)

Blue (44%)

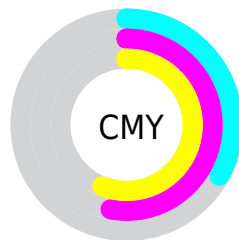


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11303280 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 11303280 by changing the saturation by 10% instead.



 11303280

 11303280

16777215

 9527384

 15052452

 7751744

 16763327

 6041898

 16770523

 4397846

 16777207

 2884864

 0

 11303280

 11303280


 11299423

 11307137

 11295822

 11310738

 11291964

 11314596

 11288363

 11318197

 11284506


 11322054

 11280649

 11325911

 11278848

 11329512

 11333370

 11337215

# Harmonies

## Analogous

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



11302787



11303280



10649186

# Triad

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



11303280



6590324



7440044

# Complementary

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



11303280



7381932

# 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.



5737640



11303280



5345672

# Square

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



11303280



8096613



4821147



9207718

# Rectangle

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



11303280



9929566



4821147



6785196



# Sweetspot

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



11303280



14732746



11301027



7365987



15790320



7368816



# Same Dimension

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



11303280



14717058



11310704



5721934



9836288



1508096



# Inverse Universe

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



7381932



8573664



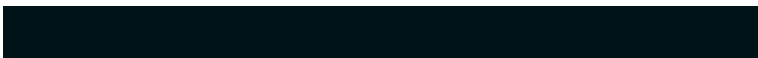
7374252



5133655



32918



5143



# Previews

## White Background



This preview shows how the Decimal color 11303280 looks on a white background.

## Color Contrast Check

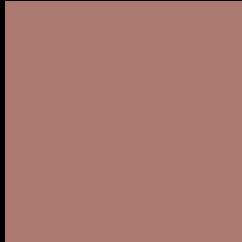
Large Text (above 18pt) WCAG AA ✓ Pass

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 11303280 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 × Fail

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



## Decimal 11303280 Background



This preview shows how black text looks on a background with the Decimal color 11303280.



This preview shows how white text looks on a background with the Decimal color 11303280.

# 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



**Original Color**  
11303280

**Protanopia**  
9209206

**Deuteranopia**  
10191215



**Tritanopia**  
11433856

# Trichromacy



**Original Color**  
11303280

**Protanomaly**  
9994612

**Deuteranomaly**  
10583663

**Tritanomaly**  
11368570

# Monochromacy



**Original Color**  
11303280

**Achromatopsia**  
8882055

**Achromatomaly**  
9732735

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11303280 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 #AC7970 looks like.

```
.text, #text, p{  
    color:#AC7970  
}
```

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 #AC7970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7970
}
```

## Border

The CSS property to change the border of an element to Decimal 11303280 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
#AC7970 }
```

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

```
.border{ border-color:#AC7970 }
```

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

Here you see how a box with a 4 pixel #AC7970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7970; -webkit-box-shadow:4px 4px  
4px 4px #AC7970; box-shadow:4px 4px 4px  
4px #AC7970 }
```

# Background

The CSS property to change the background color of an element to Decimal 11303280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7970 }
```

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

```
.background{ background-color:#AC7970 }
```

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