

# Converting Colors

Decimal(11176007)

Have a look what the booklet for  
Decimal(11176007) contains.

<b>Decimal(11176007)</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(11176007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA8847
RGB	170, 136, 71
RGB Percent	67%, 53%, 28%
CMY	0.3333, 0.4667, 0.7216
CMYK	0.00, 0.20, 0.58, 0.33
HSL	39°, 41%, 47%
HSV	39°, 58%, 67%
XYZ	26.5191, 26.6093, 9.6996
YIQ	138.7560, 41.1290, -13.0070

# Conversions

## Conversions Part 2

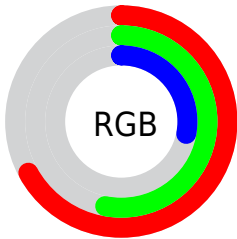
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 170, 71
Decimal	11176007
CIELab	58.61, 5.12, 39.32
CIElCh	59, 39.649, 82.578
Yxy	26.6093, 0.4221, 0.4235
Android (android.graphics.Color)	4289366087 (0xFFAA8847)
YUV	138.7560, -33.4037, 27.4010
Hunter-Lab	51.5842, 1.4932, 24.9603

# Details

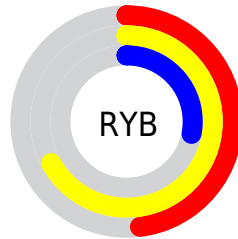
The Decimal color **11176007** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4680106**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **14990713**, and **7558679** is the 20% darker color. If you saturate the color by 10%, you get **11174454**, and if you desaturate by 10%, it is **11177560**.

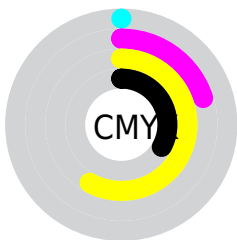
# Distribution



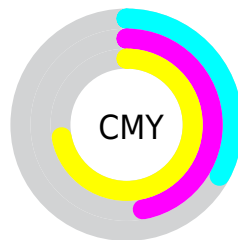
- Red (67%)
- Green (53%)
- Blue (28%)



- Red (48%)
- Yellow (67%)
- Blue (28%)



- Cyan (0%)
- Magenta (20%)
- Yellow (58%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (72%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 11176007 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 11176007 by changing the saturation by 10% instead.



 11176007  11176007

16777215  9334575

 14990713  7558679

 16767380  5783296

 16774575  4139520

 16777162  2496000

 16777191  0

 11176007  11176007

 11174454  11177560

 11172901  11179113

■ 11171348

■ 11180666

■ 11170051

■ 11181963

■ 11169792

■ 11183516

■ 11185069

■ 11186622

■ 11188175

■ 11189728

# Harmonies

## Analogous

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



12811351



11176007



8950603

# Triad

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



11176007



40870



11565752

# Complementary

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



11176007



4680106

# 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.



8619981



11176007



39875

# Square

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



11176007



2399875



4232145



13201815

# Rectangle

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



11176007



7247960



4232145



10714816



# Sweetspot

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



11176007



14602680



11159402



7366746



15790320



7368816



# Same Dimension

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



11176007



14592323



10201671



5525836



9724160



1314048



# Inverse Universe

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



4680106



4421854



5654442



5001044



13204



1812



# Previews

## White Background



This preview shows how the Decimal color 11176007 looks on a white background.

## Color Contrast Check

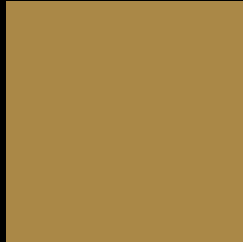
Large Text (above 18pt) WCAG AA ✓ Pass

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 11176007 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 11176007 Background



This preview shows how black text looks on a background with the Decimal color 11176007.



This preview shows how white text looks on a background with the Decimal color 11176007.

# 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**  
11176007

**Protanopia**  
10259785

**Deuteranopia**  
11437639



**Tritanopia**  
11567242

# Trichromacy



**Original Color**  
11176007

**Protanomaly**  
10586952

**Deuteranomaly**  
11372359

**Tritanomaly**  
11436914

# Monochromacy



**Original Color**  
11176007

**Achromatopsia**  
9145227

**Achromatomaly**  
9865842

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11176007 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 #AA8847 looks like.

```
.text, #text, p{  
    color:#AA8847  
}
```

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 #AA8847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8847
}
```

## Border

The CSS property to change the border of an element to Decimal 11176007 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
#AA8847 }
```

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

```
.border{ border-color:#AA8847 }
```

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

Here you see how a box with a 4 pixel #AA8847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8847; -webkit-box-shadow:4px 4px  
4px 4px #AA8847; box-shadow:4px 4px 4px  
4px #AA8847 }
```

# Background

The CSS property to change the background color of an element to Decimal 11176007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8847 }
```

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

```
.background{ background-color:#AA8847 }
```

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