

# Converting Colors

Decimal(9006712)

Have a look what the booklet for  
Decimal(9006712) contains.

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**Color**

**Decimal(9006712)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	896E78
RGB	137, 110, 120
RGB Percent	54%, 43%, 47%
CMY	0.4627, 0.5686, 0.5294
CMYK	0.00, 0.20, 0.12, 0.46
HSL	338°, 11%, 48%
HSV	338°, 20%, 54%
XYZ	19.2826, 17.8263, 20.1938
YIQ	119.2130, 12.8820, 8.8340

# Conversions

## Conversions Part 2

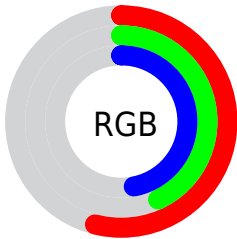
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 110, 120
Decimal	9006712
CIE Lab	49.28, 12.40, -1.50
CIE LCh	49, 12.486, 353.121
Yxy	17.8263, 0.3365, 0.3111
Android (android.graphics.Color)	4287196792 (0xFF896E78)
YUV	119.2130, 0.3880, 15.5992
Hunter-Lab	42.2212, 7.6347, 1.1972

# Details

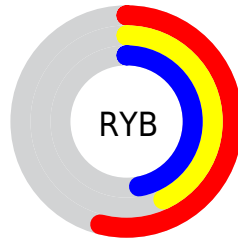
The Decimal color **9006712** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7244159**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **12559020**, and **5717576** is the 20% darker color. If you saturate the color by 10%, you get **9003119**, and if you desaturate by 10%, it is **9010305**.

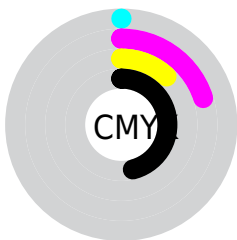
# Distribution



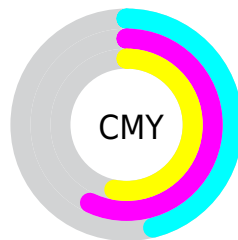
- Red (54%)
- Green (43%)
- Blue (47%)



- Red (54%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (46%)



- Cyan (46%)
- Magenta (57%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9006712 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 9006712 by changing the saturation by 10% instead.



■ 9006712

■ 9006712

16777215

■ 7296607

■ 12559020

■ 5717576

■ 14400968

■ 4139057

■ 16243172

■ 2692124

■ 16774655

■ 1376257

■ 0

■ 9006712

■ 9006712

■ 9003119

■ 9010305

■ 8999783

■ 9013641

8996190

9017234

8992597

9020827

8989261

9024419

8985668

9027756

8982076

9031348

8978483

9034941

9038278

# Harmonies

## Analogous

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



8482946



9006712



9203309

# Triad

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



9006712



7698274



6060678

# Complementary

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



9006712



7244159

# 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.



5864317



9006712



6912616

# Square

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



9006712



8418400



6191986



6715274

# Rectangle

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



9006712



9072487



6191986



5929603



# Sweetspot

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



9006712



11774124



8351369



5854037



14277081



5855577



# Same Dimension

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



9006712



11765912



9007470



4537921



8716337



327682



# Inverse Universe

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



9006712



11765912



7243401



4537921



8716337

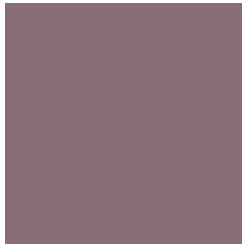


327682



# Previews

## White Background



This preview shows how the Decimal color 9006712 looks on a white 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

# Black Background



This preview shows how the Decimal color 9006712 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

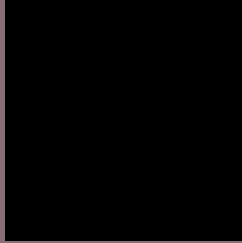
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 9006712 Background



This preview shows how black text looks on a background with the Decimal color 9006712.



This preview shows how white text looks on a background with the Decimal color 9006712.

# 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**  
9006712

**Protanopia**  
7697788

**Deuteranopia**  
8417911



**Tritanopia**  
9006711

# Trichromacy



**Original Color**  
9006712

**Protanomaly**  
8155771

**Deuteranomaly**  
8614263

**Tritanomaly**  
9006711

# Monochromacy



**Original Color**  
9006712

**Achromatopsia**  
7829367

**Achromatomaly**  
8287351

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9006712 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 #896E78 looks like.

```
.text, #text, p{  
    color:#896E78  
}
```

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 #896E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896E78  
}
```

## Border

The CSS property to change the border of an element to Decimal 9006712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

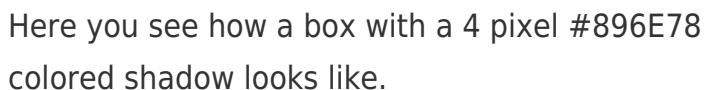
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#896E78 }
```

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

```
.border{ border-color:#896E78 }
```

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



Here you see how a box with a 4 pixel #896E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896E78; -webkit-box-shadow:4px 4px  
4px 4px #896E78; box-shadow:4px 4px 4px  
4px #896E78 }
```

# Background

The CSS property to change the background color of an element to Decimal 9006712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896E78 }
```

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

```
.background{ background-color:#896E78 }
```

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](#).



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