

# Converting Colors

Decimal(9789016)

Have a look what the booklet for  
Decimal(9789016) contains.

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# Color

**Decimal(9789016)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	955E58
RGB	149, 94, 88
RGB Percent	58%, 37%, 35%
CMY	0.4157, 0.6314, 0.6549
CMYK	0.00, 0.37, 0.41, 0.42
HSL	6°, 26%, 46%
HSV	6°, 41%, 58%
XYZ	18.1586, 15.0995, 11.1900
YIQ	109.7610, 34.7060, 9.7940

# Conversions

## Conversions Part 2

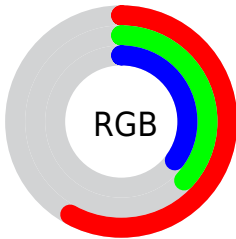
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 95, 88
Decimal	9789016
CIE <sub>Lab</sub>	45.77, 21.72, 12.82
CIE <sub>LCh</sub>	46, 25.222, 30.547
Yxy	15.0995, 0.4085, 0.3397
Android (android.graphics.Color)	4287979096 (0xFF955E58)
YUV	109.7610, -10.7282, 34.4126
Hunter-Lab	38.8581, 15.4121, 10.1270

# Details

The Decimal color **9789016** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5803925**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **13472138**, and **6303531** is the 20% darker color. If you saturate the color by 10%, you get **9785673**, and if you desaturate by 10%, it is **9792359**.

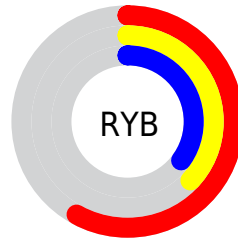
# Distribution



Red (58%)

Green (37%)

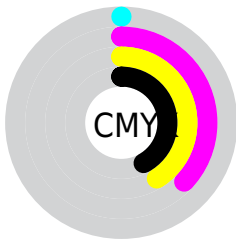
Blue (35%)



Red (58%)

Yellow (37%)

Blue (35%)

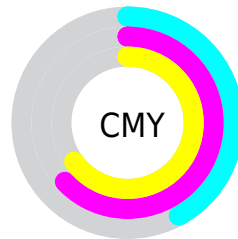


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (42%)



Cyan (42%)

Magenta (63%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9789016 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 9789016 by changing the saturation by 10% instead.



 9789016

 9789016

16777215

 8013377

 13472138

 6303531

 15379620

 4593942

 16762815

 3080704

 16770011

 589824

 16777208

 0

 9789016

 9789016

 9785673

 9792359

 9782074

 9795958

9778731

9799301

9775132

9802900

9771789

9806243

9768704

9809841

9813184

9816527

9820126

# Harmonies

## Analogous

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



9722989



9789016



9135176

# Triad

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



9789016



4945495



5205654

# Complementary

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



9789016



5803925

# 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.



3044497



9789016



3242092

# Square

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



9789016



6582855



1996673



7301009

# Rectangle

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



9789016



8481091



1996673



4485270



# Sweetspot

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



9789016



12758443



9787536



6378835



14737632



6381921



# Same Dimension

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



9789016



12741731



9796696



4866883



9047552



655616



# Inverse Universe

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



5803925



6535362



5796245



4409674



31882

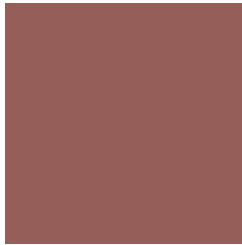


2314



# Previews

## White Background



This preview shows how the Decimal color 9789016 looks on a white background.

## Color Contrast Check

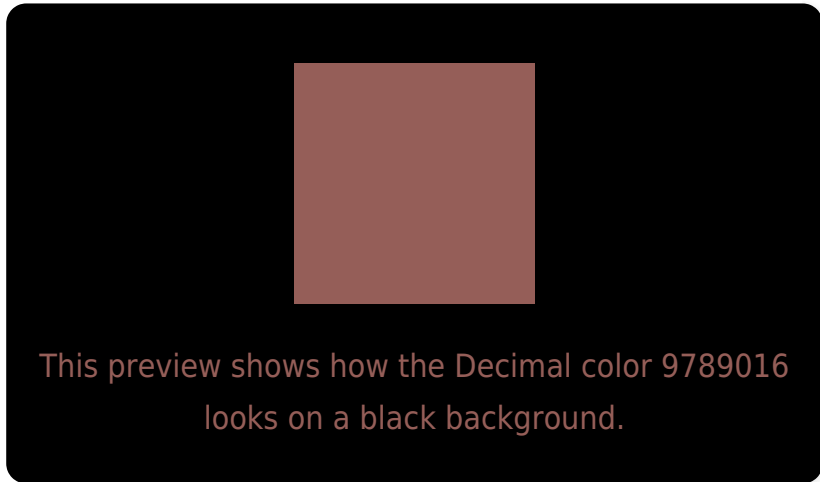
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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

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



## Decimal 9789016 Background



This preview shows how black text looks on a background with the Decimal color 9789016.

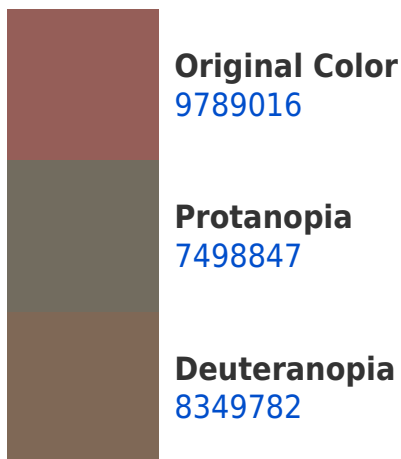


This preview shows how white text looks on a background with the Decimal color 9789016.

# 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**  
9854051

# Trichromacy



**Original Color**  
9789016

**Protanomaly**  
8349532

**Deuteranomaly**  
8873047

**Tritanomaly**  
9854303

# Monochromacy



**Original Color**  
9789016

**Achromatopsia**  
7237230

**Achromatomaly**  
8153190

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9789016 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 #955E58 looks like.

```
.text, #text, p{  
  color:#955E58  
}
```

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 #955E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #955E58
}
```

## Border

The CSS property to change the border of an element to Decimal 9789016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

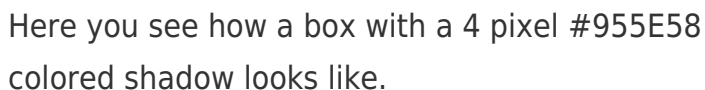
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#955E58 }
```

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

```
.border{ border-color:#955E58 }
```

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



Here you see how a box with a 4 pixel #955E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #955E58; -webkit-box-shadow:4px 4px  
4px 4px #955E58; box-shadow:4px 4px 4px  
4px #955E58 }
```

# Background

The CSS property to change the background color of an element to Decimal 9789016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#955E58 }
```

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

```
.background{ background-color:#955E58 }
```

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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