

Converting Colors

Hex(985E45)

Have a look what the booklet for
Hex(985E45) contains.

Hex(985E45)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(985E45)

Conversions

Conversions Part 1

Format	Color
Hex	985E45
RGB	152, 94, 69
RGB Percent	60%, 37%, 27%
CMY	0.4039, 0.6314, 0.7294
CMYK	0.00, 0.38, 0.55, 0.40
HSL	18°, 38%, 43%
HSV	18°, 55%, 60%
XYZ	18.0258, 15.1105, 7.5968
YIQ	108.4920, 42.5930, 4.5210

Conversions

Conversions Part 2

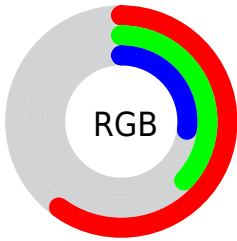
Format	Color
RYB	152, 105, 69
Decimal	9985605
CIELab	45.79, 20.95, 24.19
CIELCh	46, 32.004, 49.102
Yxy	15.1105, 0.4425, 0.3710
Android (android.graphics.Color)	4288175685 (0xFF985E45)
YUV	108.4920, -19.4696, 38.1565
Hunter-Lab	38.8722, 14.7475, 15.6235

Details

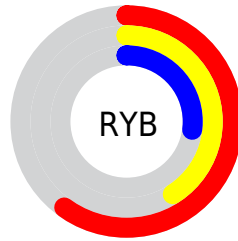
The Hex color **985E45** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **457F98**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D19176**, and **622F19** is the 20% darker color. If you saturate the color by 10%, you get **985336**, and if you desaturate by 10%, it is **986954**.

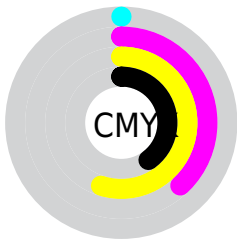
Distribution



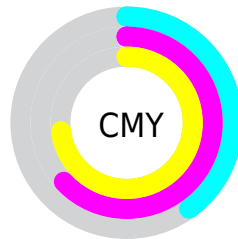
- Red (60%)
- Green (37%)
- Blue (27%)



- Red (60%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 985E45 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 Hex color 985E45 by changing the saturation by 10% instead.

 985E45

 985E45

FFFFFF

 7C462E

 D19176

 622F19

 EEAC8F

 481900

 FFC7AA

 2E0300

 FFE3C5

 070000

 FFFFE1

 000000

FFFFFFE

 985E45

 985E45

 985336

 986954

■ 984927

■ 987363

■ 983E17

■ 987E73

■ 983408

■ 988882

■ 982E00

■ 989391

■ 989EA0

■ 98A8AF

■ 98B3BF

■ 98BECE

Harmonies

Analogous

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



A0575C



985E45



866737

Triad

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



985E45



257A61



60699F

Complementary

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



985E45



457F98

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.



2B72A1



985E45



007A7D

Square

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



985E45



4D7648



007894



845F90

Rectangle

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



985E45



756E36



007894



516CA1

Sweetspot

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



985E45



C4AEA5



98457F



635651



E3E3E3



636363

Same Dimension

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



985E45



C46A43



988745



4D4745



8C2A00



0D0400

Inverse Universe

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



457F98



439DC4



455698



454A4D



00628C



00090D

Previews

White Background



This preview shows how the Hex color 985E45 looks on a white background.

Color Contrast Check

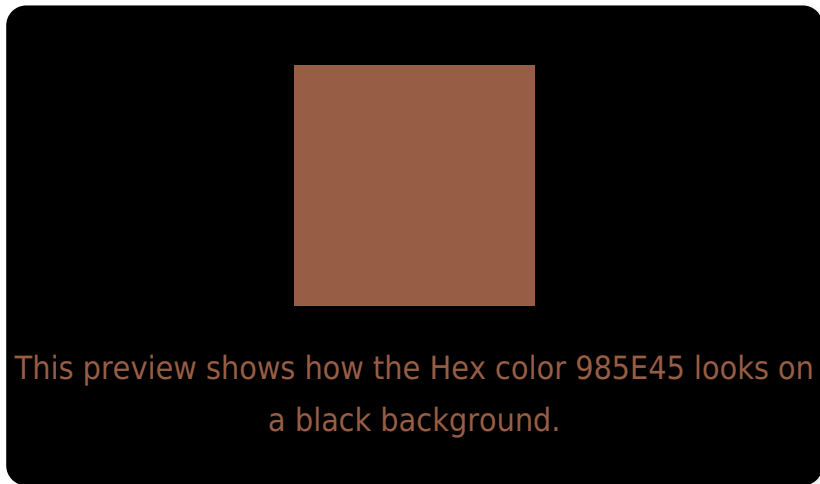
Large Text (above 18pt) WCAG AA ✓ Pass

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

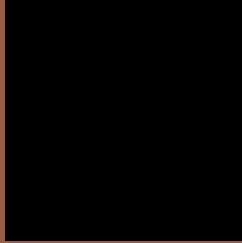
Any Text WCAG AA × Fail

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](#).

Hex 985E45 Background



This preview shows how black text looks on a background with the Hex color 985E45.



This preview shows how white text looks on a background with the Hex color 985E45.

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
985E45

Protanopia
766D4B

Deuteranopia
846843



Tritanopia
9A5A61

Trichromacy



Original Color
985E45

Protanomaly
826849

Deuteranomaly
8B6444

Tritanomaly
995B57

Monochromacy



Original Color
985E45

Achromatopsia
6C6C6C

Achromatomaly
7C675E

CSS Examples

Text

The CSS property to change the color of the text to Hex 985E45 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 #985E45 looks like.

```
.text, #text, p{  
    color:#985E45  
}
```

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 #985E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #985E45  
}
```

Border

The CSS property to change the border of an element to Hex 985E45 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  
#985E45 }
```

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

```
.border{ border-color:#985E45 }
```

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

Here you see how a box with a 4 pixel #985E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #985E45; -webkit-box-shadow:4px 4px  
4px 4px #985E45; box-shadow:4px 4px 4px  
4px #985E45 }
```

Background

The CSS property to change the background color of an element to Hex 985E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#985E45 }
```

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

```
.background{ background-color:#985E45 }
```

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