

Converting Colors

Hex(958653)

Have a look what the booklet for
Hex(958653) contains.

Hex(958653)	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(958653)

Conversions

Conversions Part 1

Format	Color
Hex	958653
RGB	149, 134, 83
RGB Percent	58%, 53%, 33%
CMY	0.4157, 0.4745, 0.6745
CMYK	0.00, 0.10, 0.44, 0.42
HSL	46°, 28%, 45%
HSV	46°, 44%, 58%
XYZ	22.4809, 24.0643, 11.6436
YIQ	132.6710, 25.3110, -12.6810

Conversions

Conversions Part 2

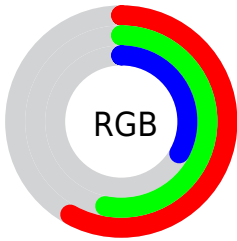
Format	Color
RYB	102, 149, 83
Decimal	9799251
CIELab	56.15, -1.78, 29.47
CIELCh	56, 29.524, 93.466
Yxy	24.0643, 0.3863, 0.4136
Android (android.graphics.Color)	4287989331 (0xFF958653)
YUV	132.6710, -24.4878, 14.3205
Hunter-Lab	49.0554, -4.0448, 20.2659

Details

The Hex color **958653** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **536295**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **CCBB85**, and **615524** is the 20% darker color. If you saturate the color by 10%, you get **958344**, and if you desaturate by 10%, it is **958962**.

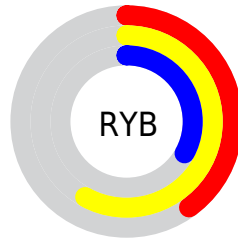
Distribution



Red (58%)

Green (53%)

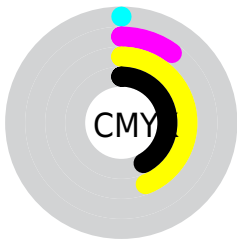
Blue (33%)



Red (40%)

Yellow (58%)

Blue (33%)

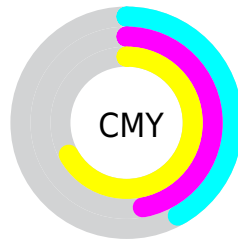


Cyan (0%)

Magenta (10%)

Yellow (44%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 958653 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 958653 by changing the saturation by 10% instead.

 958653

 958653

FFFFFF

 7A6D3B

 CCBB85

 615524

 E9D7A0

 483E0E

 FFF3BB

 312800

 FFFFD7

 181400

 FFFFF3

 000000

 958653

 958653

 958344

 958962

 957F35

 958D71

 957C26

 959080

 957817

 95948F

 957508

 95979E

 957300

 959AAC

 959EBB

 95A1CA

 95A4D9

Harmonies

Analogous

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



AB7D59



958653



7A8D5B

Triad

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



958653



2694A2



AA779E

Complementary

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



958653



536295

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.



8E7FB1



958653



3E8FB4

Square

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



958653



3B9589



6788B9



B87385

Rectangle

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



958653



669167



6788B9



A279A5

Sweetspot

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



958653



C2BCA9



955362



615D51



E0E0E0



616161

Same Dimension

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



958653



C2AA5B



839553



4A4843



8A6A00



0A0800

Inverse Universe

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



536295



5B72C2



655395



43444A



001F8A



00020A

Previews

White Background



This preview shows how the Hex color 958653 looks on a white background.

Color Contrast Check

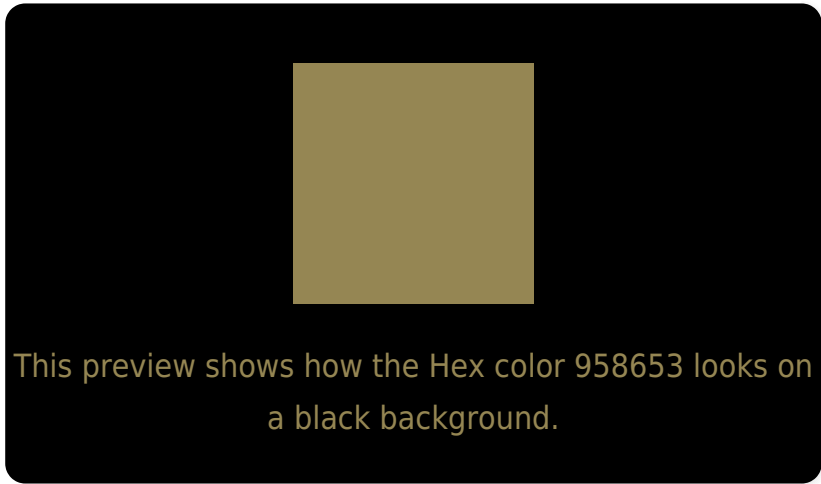
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

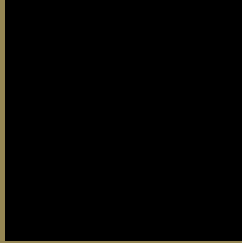
Any Text WCAG AA ✓ Pass

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](#).

Hex 958653 Background



This preview shows how black text looks on a background with the Hex color 958653.



This preview shows how white text looks on a background with the Hex color 958653.

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
958653

Protanopia
938753

Deuteranopia
A38154



Tritanopia
9B7F89

Trichromacy



Original Color
958653

Protanomaly
948753

Deuteranomaly
9E8354

Tritanomaly
998275

Monochromacy



Original Color
958653

Achromatopsia
858585

Achromatomaly
8B8573

CSS Examples

Text

The CSS property to change the color of the text to Hex 958653 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 #958653 looks like.

```
.text, #text, p{  
    color:#958653  
}
```

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 #958653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958653
}
```

Border

The CSS property to change the border of an element to Hex 958653 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
#958653 }
```

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

```
.border{ border-color:#958653 }
```

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

Here you see how a box with a 4 pixel #958653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958653; -webkit-box-shadow:4px 4px  
4px 4px #958653; box-shadow:4px 4px 4px  
4px #958653 }
```

Background

The CSS property to change the background color of an element to Hex 958653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958653 }
```

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

```
.background{ background-color:#958653 }
```

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