

Converting Colors

Hex(947E3B)

Have a look what the booklet for
Hex(947E3B) contains.

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Color

Hex(947E3B)

Conversions

Conversions Part 1

Format	Color
Hex	947E3B
RGB	148, 126, 59
RGB Percent	58%, 49%, 23%
CMY	0.4196, 0.5059, 0.7686
CMYK	0.00, 0.15, 0.60, 0.42
HSL	45°, 43%, 41%
HSV	45°, 60%, 58%
XYZ	20.4630, 21.5334, 7.2155
YIQ	124.9400, 34.6190, -16.1730

Conversions

Conversions Part 2

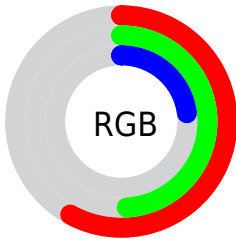
Format	Color
R_{YB}	88, 148, 59
Decimal	9731643
CIE Lab	53.53, -0.02, 38.94
CIE LCh	54, 38.942, 90.027
Yxy	21.5334, 0.4158, 0.4376
Android (android.graphics.Color)	4287921723 (0xFF947E3B)
YUV	124.9400, -32.5084, 20.2236
Hunter-Lab	46.4041, -2.4932, 23.2637

Details

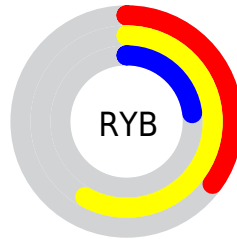
The Hex color **947E3B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3B5194**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CCB26D**, and **5F4D09** is the 20% darker color. If you saturate the color by 10%, you get **947A2C**, and if you desaturate by 10%, it is **94824A**.

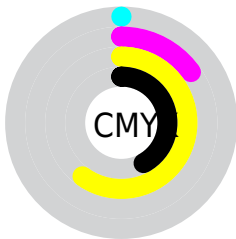
Distribution



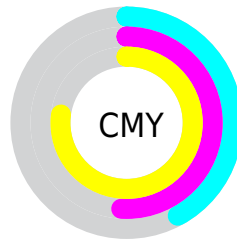
- Red (58%)
- Green (49%)
- Blue (23%)



- Red (35%)
- Yellow (58%)
- Blue (23%)



- Cyan (0%)
- Magenta (15%)
- Yellow (60%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947E3B 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 947E3B by changing the saturation by 10% instead.



947E3B



947E3B

FFFFFF



796523



CCB26D



5F4D09



E9CE87



463700



FFCAA1



2C2200



FFFFBD



120C00



FFFFD9



000000



FFFFF5



947E3B



947E3B



947A2C



94824A

■ 94771D

■ 948559

■ 94730F

■ 948967

■ 946F00

■ 948D76

■ 949085

■ 949494

■ 9498A3

■ 949BB1

■ 949FC0

Harmonies

Analogous

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



AF7246



947E3B



728844

Triad

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



947E3B



0090A0



A96BA2

Complementary

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



947E3B



3B5194

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.



8277BA



947E3B



008CB9

Square

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



947E3B



00917F



4683C3



BD6481

Rectangle

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



947E3B



578C53



4683C3



9F6FAB

Sweetspot

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



947E3B



BFB79D



943B51



615C4C



E0E0E0



616161

Same Dimension

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



947E3B



BF9D36



7E943B



4A4843



8A6800



0A0800

Inverse Universe

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



3B5194



3658BF



513B94



43444A



00228A



00030A

Previews

White Background



This preview shows how the Hex color 947E3B looks on a white background.

Color Contrast Check

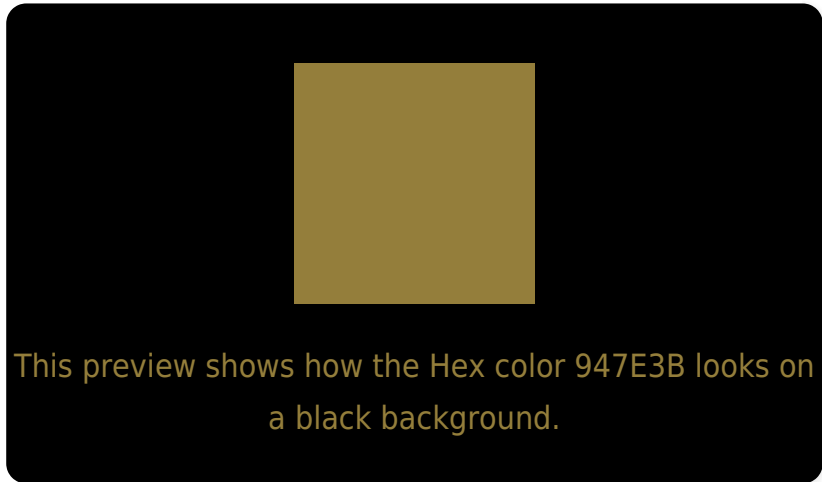
Large Text (above 18pt) WCAG AA ✓ Pass

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 947E3B Background



This preview shows how black text looks on a background with the Hex color 947E3B.



This preview shows how white text looks on a background with the Hex color 947E3B.

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
947E3B

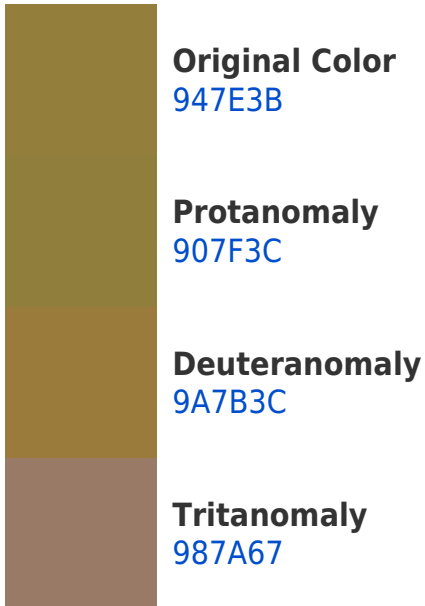
Protanopia
8E803C

Deuteranopia
9E7A3C

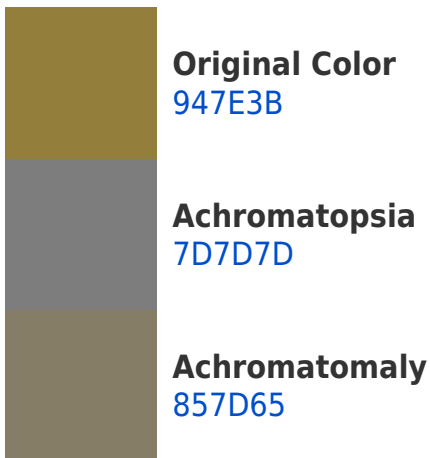


Tritanopia
9A7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 947E3B 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 #947E3B looks like.

```
.text, #text, p{  
    color:#947E3B  
}
```

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 #947E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947E3B
}
```

Border

The CSS property to change the border of an element to Hex 947E3B 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
#947E3B }
```

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

```
.border{ border-color:#947E3B }
```

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

Here you see how a box with a 4 pixel #947E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947E3B; -webkit-box-shadow:4px 4px  
4px 4px #947E3B; box-shadow:4px 4px 4px  
4px #947E3B }
```

Background

The CSS property to change the background color of an element to Hex 947E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947E3B }
```

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

```
.background{ background-color:#947E3B }
```

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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