

Converting Colors

Hex(78945B)

Have a look what the booklet for
Hex(78945B) contains.

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Color

Hex(78945B)

Conversions

Conversions Part 1

Format	Color
Hex	78945B
RGB	120, 148, 91
RGB Percent	47%, 58%, 36%
CMY	0.5294, 0.4196, 0.6431
CMYK	0.19, 0.00, 0.39, 0.42
HSL	89°, 24%, 47%
HSV	89°, 39%, 58%
XYZ	20.2240, 25.9282, 13.8363
YIQ	133.1300, 1.6090, -23.6630

Conversions

Conversions Part 2

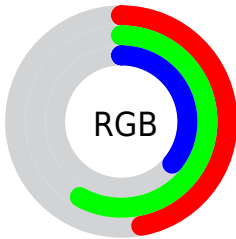
Format	Color
RYB	91, 148, 119
Decimal	7902299
CIELab	57.97, -20.33, 26.98
CIELCh	58, 33.784, 126.997
Yxy	25.9282, 0.3371, 0.4322
Android (android.graphics.Color)	4286092379 (0xFF78945B)
YUV	133.1300, -20.7701, -11.5150
Hunter-Lab	50.9198, -18.2141, 19.5331

Details

The Hex color **78945B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **775B94**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ADCA8E**, and **46612C** is the 20% darker color. If you saturate the color by 10%, you get **71944C**, and if you desaturate by 10%, it is **7F946A**.

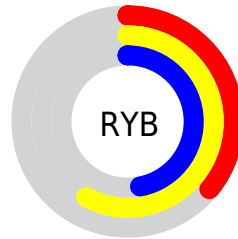
Distribution



Red (47%)

Green (58%)

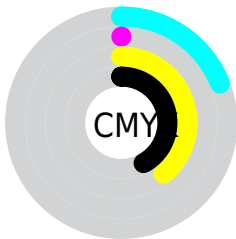
Blue (36%)



Red (36%)

Yellow (58%)

Blue (47%)

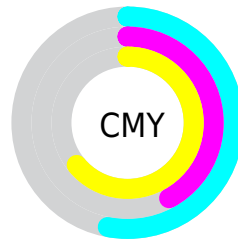


Cyan (19%)

Magenta (0%)

Yellow (39%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78945B 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 78945B by changing the saturation by 10% instead.



78945B



78945B

FFFFFF



5F7A43



ADCA8E



46612C



C9E6A9



2E4915



E5FFC4



183200



FFFFE0



001E00



FFFFFFD



000000



78945B



78945B



71944C



7F946A



69943D



879479

 62942F

 8E9487

 5B9420

 959496

 549411

 9C94A5

 4C9402

 A494B4

 4B9400

 AB94C3

 B294D1

 B994E0

Harmonies

Analogous

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



988C50



78945B



539973

Triad

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



78945B



3495C1



C47485

Complementary

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



78945B



775B94

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.



B678A3



78945B



6B8CC6

Square

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



78945B



009AAE



9881BB



C27869

Rectangle

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



78945B



369B87



9881BB



C1748F

Sweetspot

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



78945B



B4BFA8



94775B



5A6153



E0E0E0



616161

Same Dimension

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



78945B



94BF67



5C945B



464A43



468A00



050A00

Inverse Universe

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



775B94



9267BF



935B94



46434A



44008A



05000A

Previews

White Background



This preview shows how the Hex color 78945B looks on a white background.

Color Contrast Check

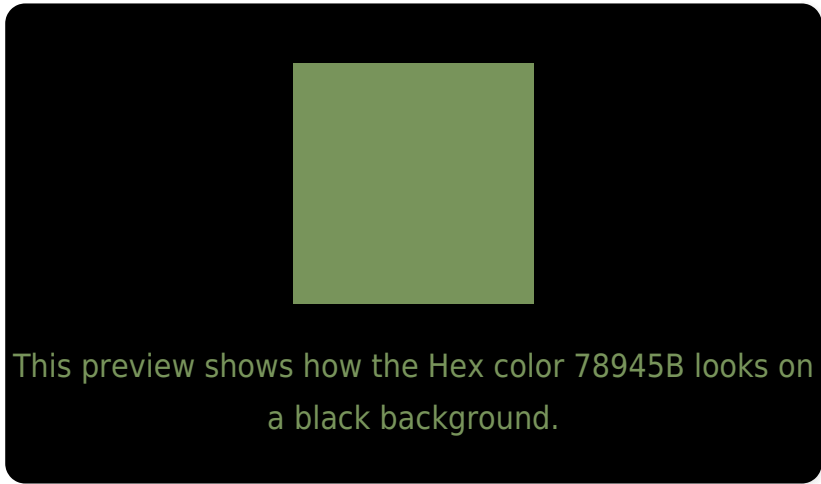
Large Text (above 18pt) WCAG AA ✓ Pass

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

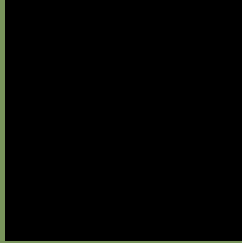
Any Text WCAG AA ✓ Pass

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 78945B Background



This preview shows how black text looks on a background with the Hex color 78945B.



This preview shows how white text looks on a background with the Hex color 78945B.

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
78945B

Protanopia
978B57

Deuteranopia
A6855E



Tritanopia
818D98

Trichromacy



Original Color
78945B

Protanomaly
8C8E58

Deuteranomaly
958A5D

Tritanomaly
7E9082

Monochromacy



Original Color
78945B

Achromatopsia
858585

Achromatomaly
808A76

CSS Examples

Text

The CSS property to change the color of the text to Hex 78945B 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 #78945B looks like.

```
.text, #text, p{  
    color:#78945B  
}
```

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 #78945B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78945B
}
```

Border

The CSS property to change the border of an element to Hex 78945B 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
#78945B }
```

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

```
.border{ border-color:#78945B }
```

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

Here you see how a box with a 4 pixel #78945B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78945B; -webkit-box-shadow:4px 4px  
4px 4px #78945B; box-shadow:4px 4px 4px  
4px #78945B }
```

Background

The CSS property to change the background color of an element to Hex 78945B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78945B }
```

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

```
.background{ background-color:#78945B }
```

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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