

Converting Colors

Hex(76945E)

Have a look what the booklet for
Hex(76945E) contains.

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Color

Hex(76945E)

Conversions

Conversions Part 1

Format	Color
Hex	76945E
RGB	118, 148, 94
RGB Percent	46%, 58%, 37%
CMY	0.5373, 0.4196, 0.6314
CMYK	0.20, 0.00, 0.36, 0.42
HSL	93°, 22%, 47%
HSV	93°, 36%, 58%
XYZ	20.0815, 25.8395, 14.5188
YIQ	132.8740, -0.5460, -23.1540

Conversions

Conversions Part 2

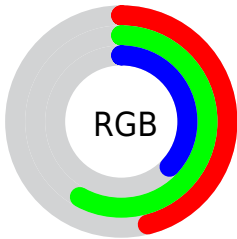
Format	Color
R_{YB}	94, 148, 124
Decimal	7771230
CIE _{Lab}	57.88, -20.67, 25.21
CIE _{LCh}	58, 32.600, 129.347
Yxy	25.8395, 0.3323, 0.4275
Android (android.graphics.Color)	4285961310 (0xFF76945E)
YUV	132.8740, -19.1649, -13.0445
Hunter-Lab	50.8326, -18.4403, 18.6484

Details

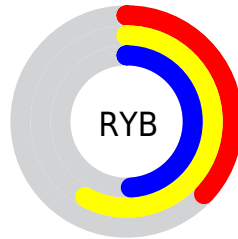
The Hex color **76945E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C5E94**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ABCA91**, and **44612F** is the 20% darker color. If you saturate the color by 10%, you get **6E944F**, and if you desaturate by 10%, it is **7E946D**.

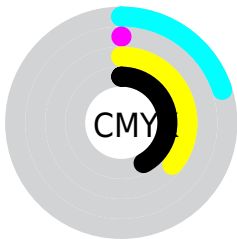
Distribution



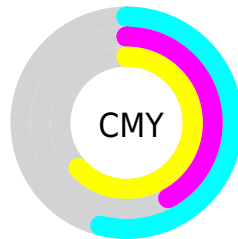
- Red (46%)
- Green (58%)
- Blue (37%)



- Red (37%)
- Yellow (58%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (36%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76945E 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 76945E by changing the saturation by 10% instead.

 76945E

 76945E

FFFFFF

 5D7A46

 ABCA91

 44612F

 C7E6AC

 2D4919

 E3FFC7

 173200

 FFFFE3

 001E00

 000000

 76945E

 76945E

 6E944F

 7E946D

 669440

 86947C

 5D9432

 8F948A

 559423

 979499

 4D9414

 9F94A8

 459405

 A794B7

 429400

 B094C6

 B894D4

 C094E3

Harmonies

Analogous

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



958C52



76945E



539976

Triad

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



76945E



3E93C0



C27583

Complementary

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



76945E



7C5E94

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.



B678A0



76945E



708BC3

Square

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



76945E



0D99AE



9A80B7



BF7968

Rectangle

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



76945E



389A89



9A80B7



C0758D

Sweetspot

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



76945E



B4BFAA



947C5E



5A6154



E0E0E0



616161

Same Dimension

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



76945E



91BF6B



5E9461



464A43



3D8A00



050A00

Inverse Universe

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



7C5E94



9A6BBF



945E91



47434A



4C008A



06000A

Previews

White Background



This preview shows how the Hex color 76945E looks on a white background.

Color Contrast Check

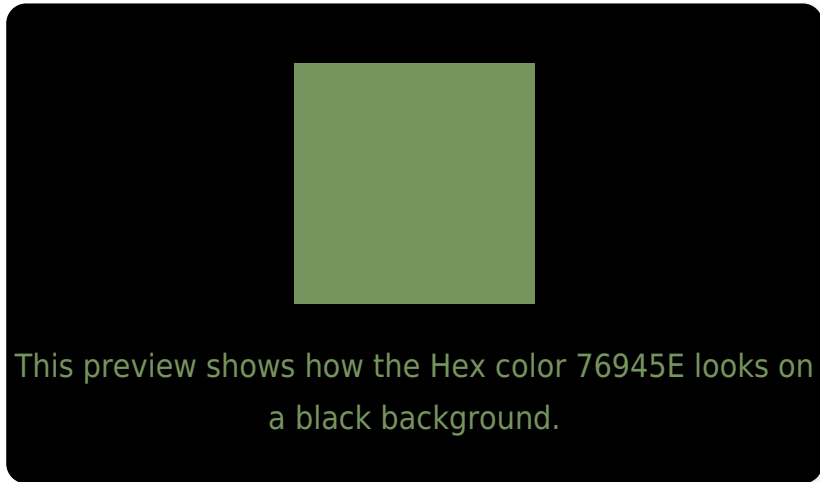
Large Text (above 18pt) WCAG AA ✓ Pass

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

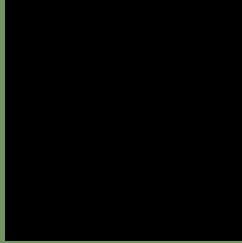
Any Text WCAG AA ✓ Pass

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 76945E Background



This preview shows how black text looks on a background with the Hex color 76945E.



This preview shows how white text looks on a background with the Hex color 76945E.

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



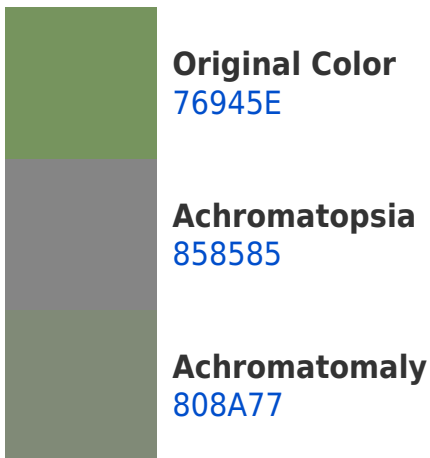


Tritanopia
7F8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76945E 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 #76945E looks like.

```
.text, #text, p{  
    color:#76945E  
}
```

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 #76945E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76945E
}
```

Border

The CSS property to change the border of an element to Hex 76945E 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
#76945E }
```

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

```
.border{ border-color:#76945E }
```

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

Here you see how a box with a 4 pixel #76945E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76945E; -webkit-box-shadow:4px 4px  
4px 4px #76945E; box-shadow:4px 4px 4px  
4px #76945E }
```

Background

The CSS property to change the background color of an element to Hex 76945E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76945E }
```

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

```
.background{ background-color:#76945E }
```

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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