

Converting Colors

Hex(76944D)

Have a look what the booklet for
Hex(76944D) contains.

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Color

Hex(76944D)

Conversions

Conversions Part 1

Format	Color
Hex	76944D
RGB	118, 148, 77
RGB Percent	46%, 58%, 30%
CMY	0.5373, 0.4196, 0.6980
CMYK	0.20, 0.00, 0.48, 0.42
HSL	85°, 32%, 44%
HSV	85°, 48%, 58%
XYZ	19.4007, 25.5672, 10.9336
YIQ	130.9360, 4.9110, -28.4410

Conversions

Conversions Part 2

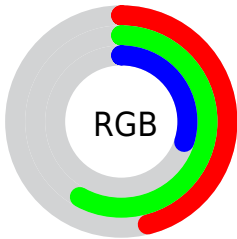
Format	Color
RYB	77, 148, 107
Decimal	7771213
CIELab	57.62, -22.95, 33.98
CIELCh	58, 41.002, 124.037
Yxy	25.5672, 0.3471, 0.4574
Android (android.graphics.Color)	4285961293 (0xFF76944D)
YUV	130.9360, -26.5904, -11.3449
Hunter-Lab	50.5640, -19.9991, 22.5743

Details

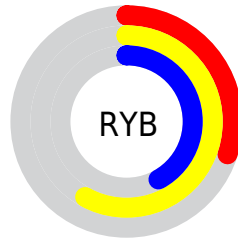
The Hex color **76944D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6B4D94**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ABCA7F**, and **43611D** is the 20% darker color. If you saturate the color by 10%, you get **70943E**, and if you desaturate by 10%, it is **7C945C**.

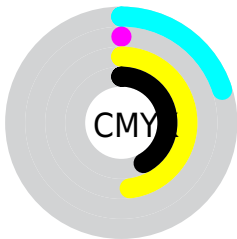
Distribution



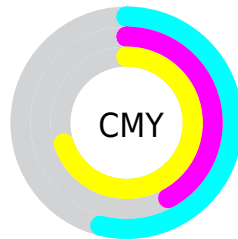
- Red (46%)
- Green (58%)
- Blue (30%)



- Red (30%)
- Yellow (58%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (48%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76944D 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 76944D by changing the saturation by 10% instead.



76944D



76944D

FFFFFF



5C7A35



ABCA7F



43611D



C7E69A



2B4904



E4FFB5



153200



FFFFD1



001F00



FFFFED



000000



76944D



76944D



70943E



7C945C



69942F



83946B

■ 639421

■ 899479

■ 5D9412

■ 8F9488

■ 579403

■ 959497

■ 559400

■ 9C94A6

■ A294B5

■ A894C3

■ AE94D2

Harmonies

Analogous

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



9B8A41



76944D



479A6A

Triad

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



76944D



0096CA



CD6D87

Complementary

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



76944D



6B4D94

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.



BB72AA



76944D



578DD2

Square

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



76944D



009CB1



947FC6



CB7164

Rectangle

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



76944D



0A9C82



947FC6



C96D93

Sweetspot

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



76944D



B4BFA4



946B4D



5A6150



E0E0E0



616161

Same Dimension

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



76944D



90BF50



53944D



474A43



508A00



060A00

Inverse Universe

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



6B4D94



7F50BF



8E4D94



46434A



3A008A



04000A

Previews

White Background



This preview shows how the Hex color 76944D looks on a white background.

Color Contrast Check

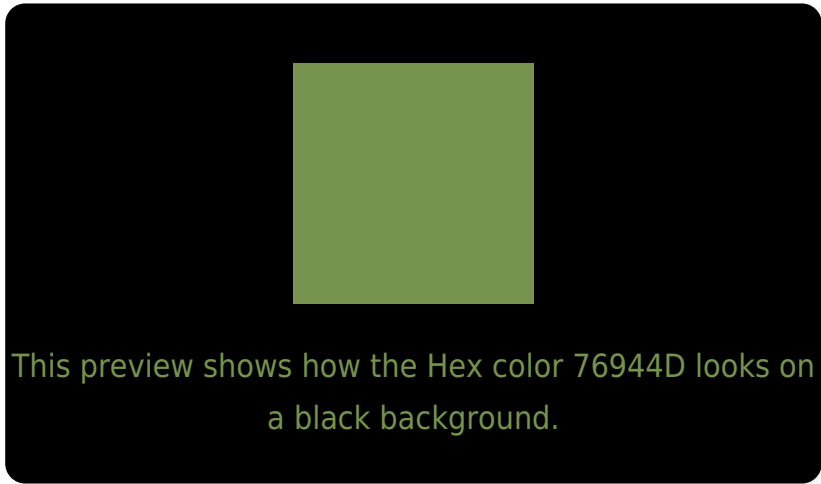
Large Text (above 18pt) WCAG AA ✓ Pass

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 76944D Background



This preview shows how black text looks on a background with the Hex color 76944D.



This preview shows how white text looks on a background with the Hex color 76944D.

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
808C97

Trichromacy



Original Color
76944D

Protanomaly
8C8E4B

Deuteranomaly
968A50

Tritanomaly
7C8F7C

Monochromacy



Original Color
76944D

Achromatopsia
838383

Achromatomaly
7E896F

CSS Examples

Text

The CSS property to change the color of the text to Hex 76944D 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 #76944D looks like.

```
.text, #text, p{  
    color:#76944D  
}
```

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 #76944D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76944D
}
```

Border

The CSS property to change the border of an element to Hex 76944D 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
#76944D }
```

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

```
.border{ border-color:#76944D }
```

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

Here you see how a box with a 4 pixel #76944D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76944D; -webkit-box-shadow:4px 4px  
4px 4px #76944D; box-shadow:4px 4px 4px  
4px #76944D }
```

Background

The CSS property to change the background color of an element to Hex 76944D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76944D }
```

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

```
.background{ background-color:#76944D }
```

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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