

Converting Colors

Hex(75934D)

Have a look what the booklet for
Hex(75934D) contains.

Hex(75934D)	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(75934D)

Conversions

Conversions Part 1

Format	Color
Hex	75934D
RGB	117, 147, 77
RGB Percent	46%, 58%, 30%
CMY	0.5412, 0.4235, 0.6980
CMYK	0.20, 0.00, 0.48, 0.42
HSL	86°, 31%, 44%
HSV	86°, 48%, 58%
XYZ	19.1094, 25.1852, 10.8752
YIQ	130.0500, 4.5900, -28.1300

Conversions

Conversions Part 2

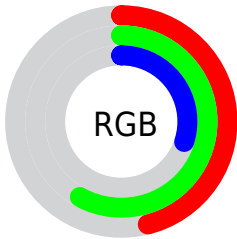
Format	Color
RYB	77, 147, 107
Decimal	7705421
CIELab	57.26, -22.84, 33.51
CIELCh	57, 40.553, 124.282
Yxy	25.1852, 0.3464, 0.4565
Android (android.graphics.Color)	4285895501 (0xFF75934D)
YUV	130.0500, -26.1536, -11.4448
Hunter-Lab	50.1848, -19.8542, 22.2810

Details

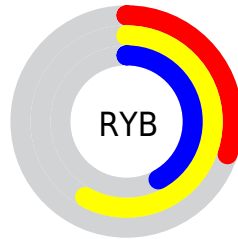
The Hex color **75934D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6B4D93**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AAC97F**, and **43601D** is the 20% darker color. If you saturate the color by 10%, you get **6F933E**, and if you desaturate by 10%, it is **7B935C**.

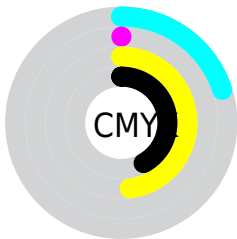
Distribution



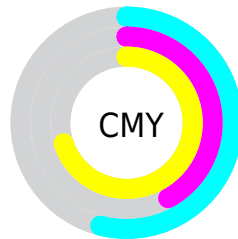
- Red (46%)
- Green (58%)
- Blue (30%)



- 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 75934D 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 75934D by changing the saturation by 10% instead.

 75934D

 75934D

FFFFFF

 5B7935

 AAC97F

 43601D

 C6E59A

 2A4804

 E3FFB5

 143200

 FFFFD1

 001E00

 FFFFED

 000000

 75934D

 75934D

 6F933E

 7B935C

 689330

 82936A

■ 629321

■ 889379

■ 5C9312

■ 8E9388

■ 569304

■ 959397

■ 549300

■ 9B93A5

■ A193B4

■ A793C3

■ AE93D1

Harmonies

Analogous

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



9A8941



75934D



469969

Triad

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



75934D



0095C9



CB6C86

Complementary

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



75934D



6B4D93

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.



B972A9



75934D



588BD0

Square

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



75934D



009BB0



937EC4



CA7163

Rectangle

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



75934D



0C9B81



937EC4



C86D92

Sweetspot

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



75934D



B4BFA4



936A4D



5A6150



E0E0E0



616161

Same Dimension

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



75934D



91BF52



53934D



474A43



4F8A00



060A00

Inverse Universe

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



6B4D93



8152BF



8D4D93



46434A



3B008A



04000A

Previews

White Background



This preview shows how the Hex color 75934D looks on a white background.

Color Contrast Check

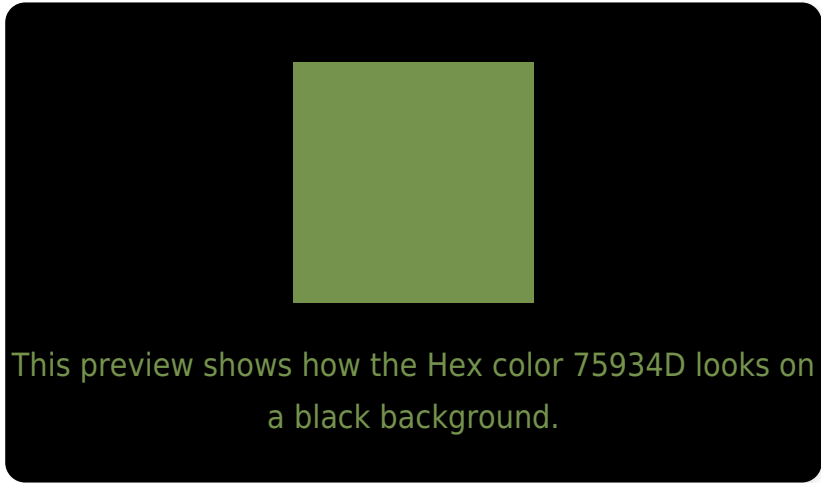
Large Text (above 18pt) WCAG AA ✓ Pass

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

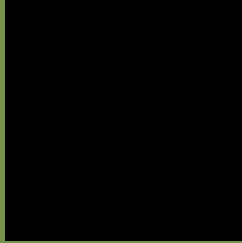
Any Text WCAG AA ✓ Pass

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 75934D Background



This preview shows how black text looks on a background with the Hex color 75934D.



This preview shows how white text looks on a background with the Hex color 75934D.

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
7F8B96

Trichromacy



Original Color
75934D

Protanomaly
8B8D4B

Deuteranomaly
958950

Tritanomaly
7B8E7B

Monochromacy



Original Color
75934D

Achromatopsia
828282

Achromatomaly
7D886F

CSS Examples

Text

The CSS property to change the color of the text to Hex 75934D 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 #75934D looks like.

```
.text, #text, p{  
    color:#75934D  
}
```

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 #75934D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75934D
}
```

Border

The CSS property to change the border of an element to Hex 75934D 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
#75934D }
```

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

```
.border{ border-color:#75934D }
```

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

Here you see how a box with a 4 pixel #75934D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75934D; -webkit-box-shadow:4px 4px  
4px 4px #75934D; box-shadow:4px 4px 4px  
4px #75934D }
```

Background

The CSS property to change the background color of an element to Hex 75934D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75934D }
```

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

```
.background{ background-color:#75934D }
```

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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