

Converting Colors

Hex(69833D)

Have a look what the booklet for
Hex(69833D) contains.

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Color

Hex(69833D)

Conversions

Conversions Part 1

Format	Color
Hex	69833D
RGB	105, 131, 61
RGB Percent	41%, 51%, 24%
CMY	0.5882, 0.4863, 0.7608
CMYK	0.20, 0.00, 0.53, 0.49
HSL	82°, 36%, 38%
HSV	82°, 53%, 51%
XYZ	14.7843, 19.5728, 7.4136
YIQ	115.2460, 6.9740, -27.2820

Conversions

Conversions Part 2

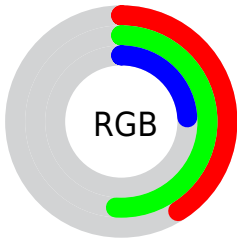
Format	Color
RYB	61, 131, 87
Decimal	6914877
CIELab	51.35, -21.40, 34.45
CIELCh	51, 40.561, 121.851
Yxy	19.5728, 0.3539, 0.4686
Android (android.graphics.Color)	4285104957 (0xFF69833D)
YUV	115.2460, -26.7433, -8.9857
Hunter-Lab	44.2411, -17.7717, 21.0334

Details

The Hex color **69833D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **573D83**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9EB86E**, and **37510C** is the 20% darker color. If you saturate the color by 10%, you get **648330**, and if you desaturate by 10%, it is **6E834A**.

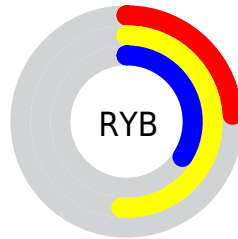
Distribution



Red (41%)

Green (51%)

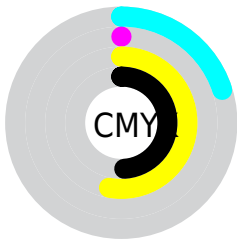
Blue (24%)



Red (24%)

Yellow (51%)

Blue (34%)

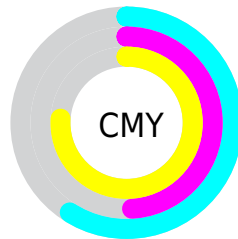


Cyan (20%)

Magenta (0%)

Yellow (53%)

Black (49%)



Cyan (59%)

Magenta (49%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69833D 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 69833D by changing the saturation by 10% instead.



69833D



69833D

FFFFFF



506A25



9EB86E



37510C



B9D488



213A00



D5F0A3



052500



F2FFBE



000900



FFFFDB



000000



FFFFF7



69833D



69833D



648330



6E834A

■ 5F8323

■ 738357

■ 5A8316

■ 788364

■ 568309

■ 7C8371

■ 528300

■ 81837F

■ 86838C

■ 8B8399

■ 9083A6

■ 9583B3

Harmonies

Analogous

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



8D7932



69833D



3B8958

Triad

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



69833D



0086B7



BA5D7A

Complementary

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



69833D



573D83

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.



A7639C



69833D



3F7DBF

Square

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



69833D



008B9E



7F70B5



B96158

Rectangle

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



69833D



008B6F



7F70B5



B65E85

Sweetspot

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



69833D



A1AB90



83573D



515746



D6D6D6



575757

Same Dimension

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



69833D



82AB3E



46833D



40423C



528200



020300

Inverse Universe

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



573D83



663EAB



7A3D83



3E3C42



300082



010003

Previews

White Background



This preview shows how the Hex color 69833D looks on a white background.

Color Contrast Check

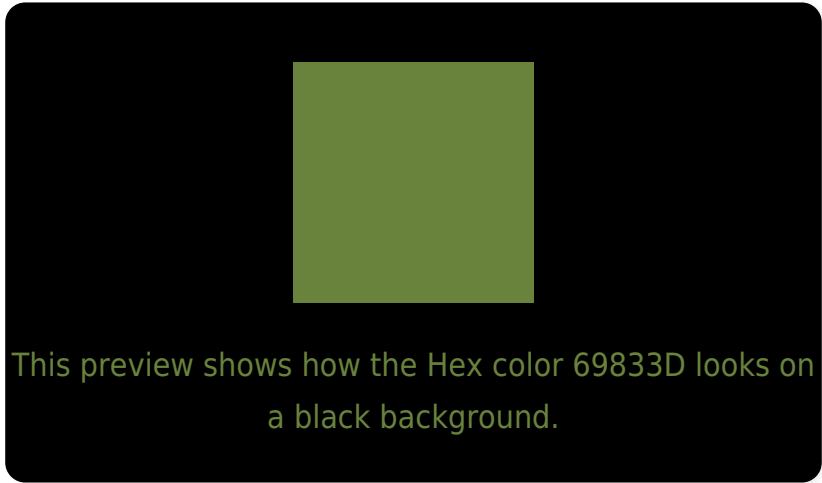
Large Text (above 18pt) WCAG AA ✓ Pass

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 69833D Background



This preview shows how black text looks on a background with the Hex color 69833D.



This preview shows how white text looks on a background with the Hex color 69833D.

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
69833D

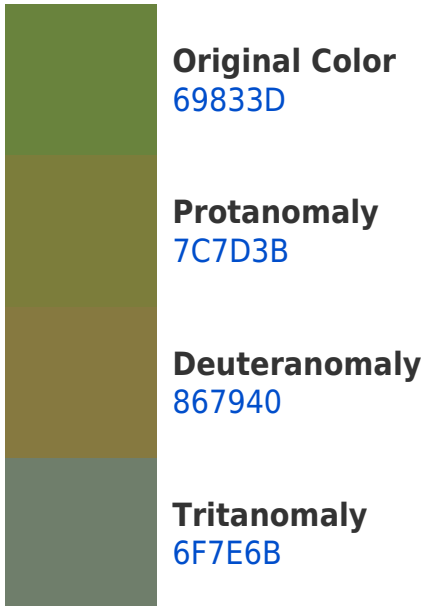
Protanopia
877A3A

Deuteranopia
967441

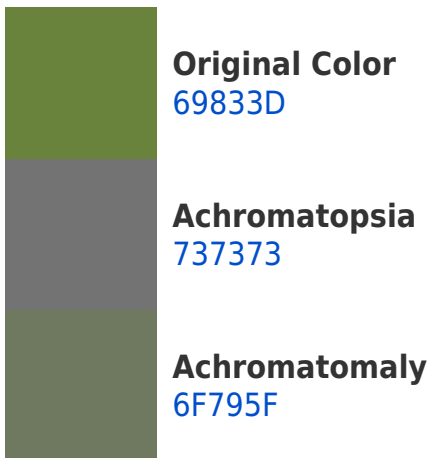


Tritanopia
727B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69833D 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 #69833D looks like.

```
.text, #text, p{  
    color:#69833D  
}
```

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 #69833D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69833D
}
```

Border

The CSS property to change the border of an element to Hex 69833D 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
#69833D }
```

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

```
.border{ border-color:#69833D }
```

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

Here you see how a box with a 4 pixel #69833D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69833D; -webkit-box-shadow:4px 4px  
4px 4px #69833D; box-shadow:4px 4px 4px  
4px #69833D }
```

Background

The CSS property to change the background color of an element to Hex 69833D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69833D }
```

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

```
.background{ background-color:#69833D }
```

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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