

Converting Colors

Hex(68934D)

Have a look what the booklet for
Hex(68934D) contains.

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Color

Hex(68934D)

Conversions

Conversions Part 1

Format	Color
Hex	68934D
RGB	104, 147, 77
RGB Percent	41%, 58%, 30%
CMY	0.5922, 0.4235, 0.6980
CMYK	0.29, 0.00, 0.48, 0.42
HSL	97°, 31%, 44%
HSV	97°, 48%, 58%
XYZ	17.4822, 24.3463, 10.7991
YIQ	126.1630, -3.1580, -30.8860

Conversions

Conversions Part 2

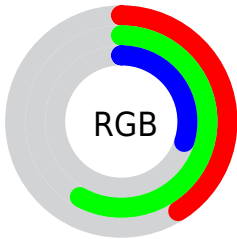
Format	Color
RYB	77, 147, 120
Decimal	6853453
CIELab	56.43, -27.86, 32.31
CIELCh	56, 42.660, 130.772
Yxy	24.3463, 0.3322, 0.4626
Android (android.graphics.Color)	4285043533 (0xFF68934D)
YUV	126.1630, -24.2374, -19.4370
Hunter-Lab	49.3420, -23.1047, 21.5631

Details

The Hex color **68934D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **784D93**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9DC97F**, and **36601E** is the 20% darker color. If you saturate the color by 10%, you get **5F933E**, and if you desaturate by 10%, it is **71935C**.

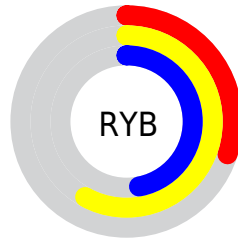
Distribution



Red (41%)

Green (58%)

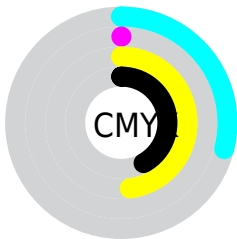
Blue (30%)



Red (30%)

Yellow (58%)

Blue (47%)

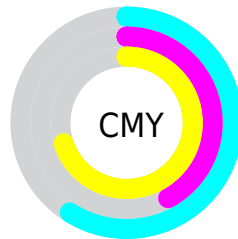


Cyan (29%)

Magenta (0%)

Yellow (48%)

Black (42%)



Cyan (59%)

Magenta (42%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68934D 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 68934D by changing the saturation by 10% instead.



68934D



68934D

FFFFFF



4F7935



9DC97F



36601E



B8E59A



1D4805



D5FFB5



033100



F1FFD1



001F00



FFFFED



000000



68934D



68934D



5F933E



71935C



569330



7A936A

■ 4D9321

■ 839379

■ 449312

■ 8C9388

■ 3B9304

■ 959397

■ 399300

■ 9E93A5

■ A793B4

■ B093C3

■ B993D1

Harmonies

Analogous

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



908A3B



68934D



2F986E

Triad

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



68934D



0092CD



CD687B

Complementary

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



68934D



784D93

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.



BF6CA1



68934D



6187D0

Square

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



68934D



0098B7



9C78C0



C77059

Rectangle

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



68934D



009A87



9C78C0



CB6888

Sweetspot

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



68934D



AFBFA4



93774D



576150



E0E0E0



616161

Same Dimension

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



68934D



7CBF52



4D9354



454A43



358A00



040A00

Inverse Universe

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



784D93



9552BF



934D8C



47434A



55008A



06000A

Previews

White Background



This preview shows how the Hex color 68934D looks on a white background.

Color Contrast Check

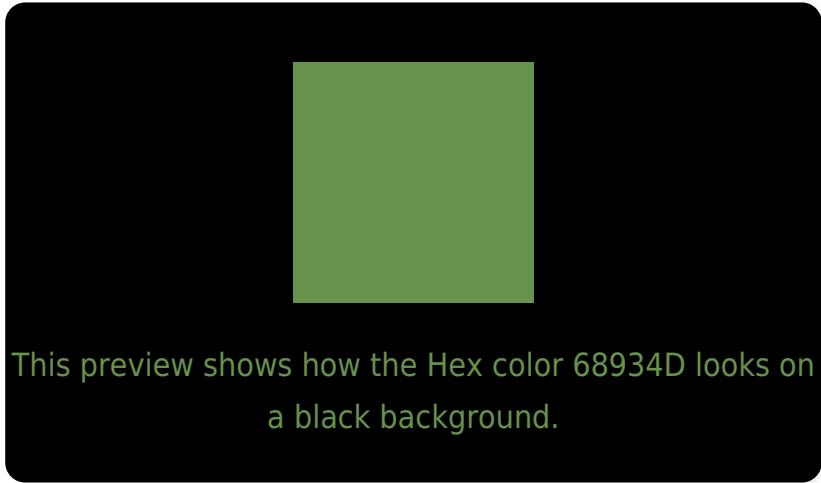
Large Text (above 18pt) WCAG AA ✓ Pass

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

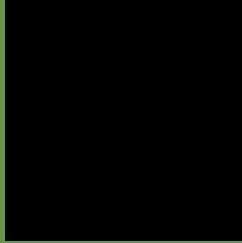
Any Text WCAG AA ✓ Pass

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 68934D Background



This preview shows how black text looks on a background with the Hex color 68934D.



This preview shows how white text looks on a background with the Hex color 68934D.

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



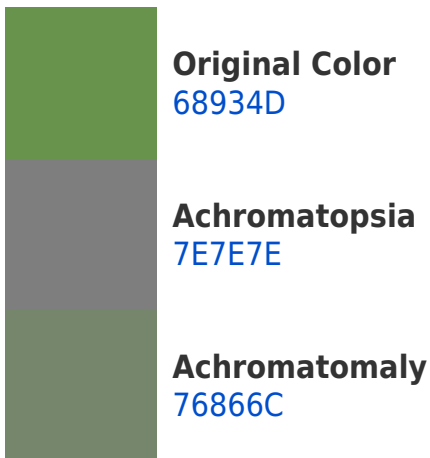


Tritanopia
738B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68934D 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 #68934D looks like.

```
.text, #text, p{  
    color:#68934D  
}
```

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 #68934D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68934D
}
```

Border

The CSS property to change the border of an element to Hex 68934D 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
#68934D }
```

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

```
.border{ border-color:#68934D }
```

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

Here you see how a box with a 4 pixel #68934D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68934D; -webkit-box-shadow:4px 4px  
4px 4px #68934D; box-shadow:4px 4px 4px  
4px #68934D }
```

Background

The CSS property to change the background color of an element to Hex 68934D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68934D }
```

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

```
.background{ background-color:#68934D }
```

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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