

Converting Colors

Hex(74936B)

Have a look what the booklet for
Hex(74936B) contains.

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Color

Hex(74936B)

Conversions

Conversions Part 1

Format	Color
Hex	74936B
RGB	116, 147, 107
RGB Percent	45%, 58%, 42%
CMY	0.5451, 0.4235, 0.5804
CMYK	0.21, 0.00, 0.27, 0.42
HSL	106°, 16%, 50%
HSV	106°, 27%, 58%
XYZ	20.2900, 25.6420, 17.7899
YIQ	133.1710, -5.6360, -19.0120

Conversions

Conversions Part 2

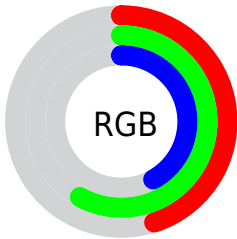
Format	Color
R_{YB}	107, 147, 138
Decimal	7639915
CIE _{Lab}	57.70, -18.83, 17.72
CIE _{LCh}	58, 25.858, 136.729
Yxy	25.6420, 0.3184, 0.4024
Android (android.graphics.Color)	4285829995 (0xFF74936B)
YUV	133.1710, -12.9023, -15.0590
Hunter-Lab	50.6379, -17.0935, 14.6170

Details

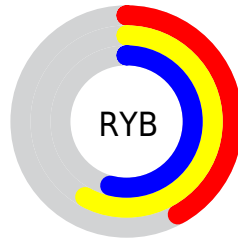
The Hex color **74936B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A6B93**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A9C99F**, and **43603B** is the 20% darker color. If you saturate the color by 10%, you get **69935C**, and if you desaturate by 10%, it is **7F937A**.

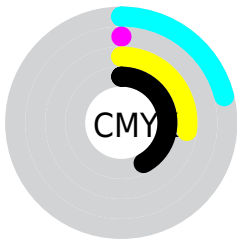
Distribution



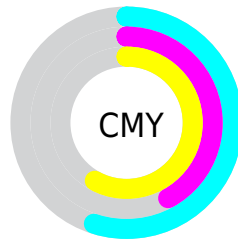
- Red (45%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (54%)



- Cyan (21%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74936B 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 74936B by changing the saturation by 10% instead.

 74936B

 74936B

FFFFFF

 5B7953

 A9C99F

 43603B

 C4E5BA

 2C4825

 E0FFD5

 153210

 F0FFF2

 001D00

 000000

 74936B

 74936B

 69935C

 7F937A

 5D934E

 8B9388

■ 52933F

■ 969397

■ 469330

■ A293A6

■ 3B9322

■ AD93B5

■ 309313

■ B893C3

■ 249304

■ C493D2

■ 219300

■ CF93E1

■ DB93EF

Harmonies

Analogous

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



8E8D5F



74936B



5A967F

Triad

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



74936B



5E90B6



B87A7F

Complementary

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



74936B



8A6B93

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.



B17B96



74936B



8088B6

Square

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



74936B



4595AB



9D80AA



B37E6B

Rectangle

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



74936B



4B978F



9D80AA



B77A86

Sweetspot

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



74936B



B3BFB0



938A6B



596157



E0E0E0



616161

Same Dimension

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



74936B



8EBF80



6B9376



444A43



1F8A00



020A00

Inverse Universe

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



8A6B93



B180BF



936B88



48434A



6B008A



08000A

Previews

White Background



This preview shows how the Hex color 74936B looks on a white background.

Color Contrast Check

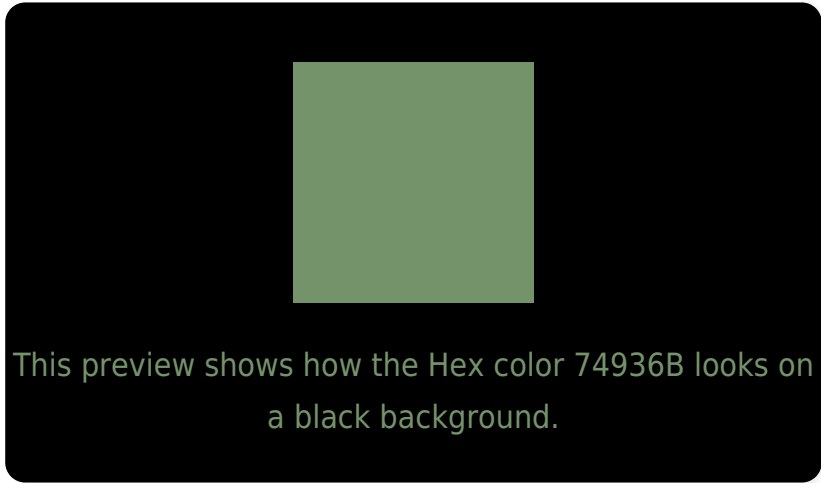
Large Text (above 18pt) WCAG AA ✓ Pass

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

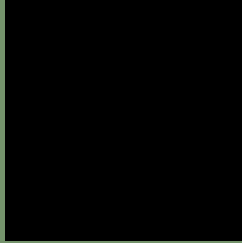
Any Text WCAG AA ✓ Pass

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 74936B Background



This preview shows how black text looks on a background with the Hex color 74936B.

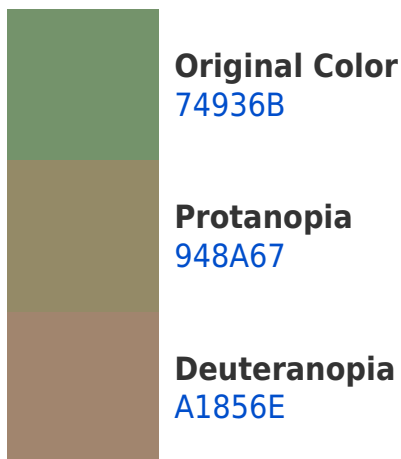


This preview shows how white text looks on a background with the Hex color 74936B.

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
7B8D98

Trichromacy



Original Color
74936B

Protanomaly
888D68

Deuteranomaly
918A6D

Tritanomaly
788F88

Monochromacy



Original Color
74936B

Achromatopsia
858585

Achromatomaly
7F8A7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 74936B 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 #74936B looks like.

```
.text, #text, p{  
    color:#74936B  
}
```

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 #74936B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74936B
}
```

Border

The CSS property to change the border of an element to Hex 74936B 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
#74936B }
```

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

```
.border{ border-color:#74936B }
```

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

Here you see how a box with a 4 pixel #74936B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74936B; -webkit-box-shadow:4px 4px  
4px 4px #74936B; box-shadow:4px 4px 4px  
4px #74936B }
```

Background

The CSS property to change the background color of an element to Hex 74936B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74936B }
```

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

```
.background{ background-color:#74936B }
```

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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