

Converting Colors

Hex(749471)

Have a look what the booklet for
Hex(749471) contains.

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Color

Hex(749471)

Conversions

Conversions Part 1

Format	Color
Hex	749471
RGB	116, 148, 113
RGB Percent	45%, 58%, 44%
CMY	0.5451, 0.4196, 0.5569
CMYK	0.22, 0.00, 0.24, 0.42
HSL	115°, 14%, 51%
HSV	115°, 24%, 58%
XYZ	20.7730, 26.0851, 19.5629
YIQ	134.4420, -7.8370, -17.6690

Conversions

Conversions Part 2

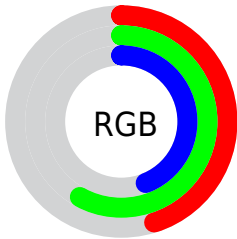
Format	Color
R_{YB}	113, 148, 145
Decimal	7640177
CIE _{Lab}	58.12, -18.29, 14.93
CIE _{LCh}	58, 23.616, 140.775
Yxy	26.0851, 0.3127, 0.3927
Android (android.graphics.Color)	4285830257 (0xFF749471)
YUV	134.4420, -10.5709, -16.1736
Hunter-Lab	51.0735, -16.7779, 13.0415

Details

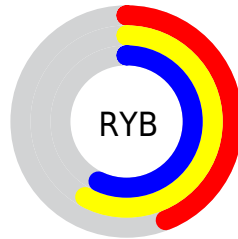
The Hex color **749471** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **917194**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A9CAA5**, and **436141** is the 20% darker color. If you saturate the color by 10%, you get **669462**, and if you desaturate by 10%, it is **829480**.

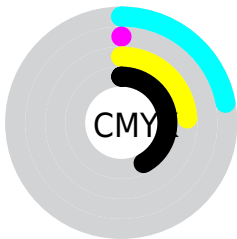
Distribution



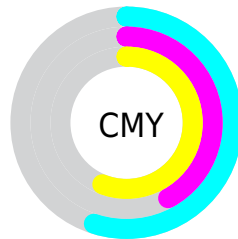
- Red (45%)
- Green (58%)
- Blue (44%)



- Red (44%)
- Yellow (58%)
- Blue (57%)



- Cyan (22%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749471 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 749471 by changing the saturation by 10% instead.

 749471

 749471

FFFFFF

 5B7A58

 A9CAA5

 436141

 C4E6C0

 2C492B

 E0FFDC

 163216

 F0FFF9

 001E00

 000000

 749471

 749471

 669462

 829480

 599453

 8F948F

 4B9445

 9D949D

 3E9436

 AA94AC

 309427

 B894BB

 239418

 C594CA

 159409

 D394D9

 0D9400

 E094E7

 EE94F6

Harmonies

Analogous

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



8C8F65



749471



5D9784

Triad

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



749471



6990B4



B67D7E

Complementary

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



749471



917194

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.



B17D93



749471



8689B2

Square

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



749471



5295AB



A082A6



AF816D

Rectangle

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



749471



519793



A082A6



B57D85

Sweetspot

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



749471



B3BFB2



949171



5A6159



E0E0E0



616161

Same Dimension

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



749471



8EBF8A



71947F



434A43



0C8A00



010A00

Inverse Universe

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



917194



BB8ABF



947186



49434A



7E008A



09000A

Previews

White Background



This preview shows how the Hex color 749471 looks on a white background.

Color Contrast Check

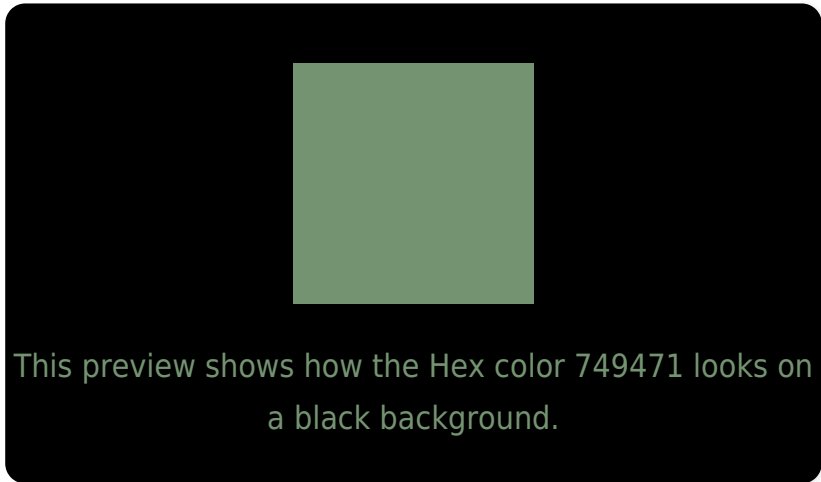
Large Text (above 18pt) WCAG AA ✓ Pass

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

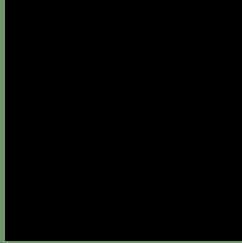
Any Text WCAG AA ✓ Pass

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 749471 Background



This preview shows how black text looks on a background with the Hex color 749471.

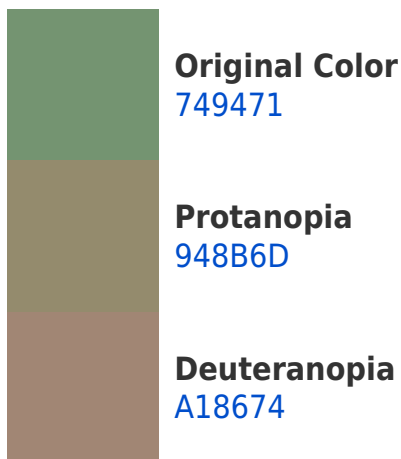


This preview shows how white text looks on a background with the Hex color 749471.

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
7B8F9A

Trichromacy



Original Color
749471

Protanomaly
888E6E

Deuteranomaly
918B73

Tritanomaly
78918B

Monochromacy



Original Color
749471

Achromatopsia
868686

Achromatomaly
7F8B7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 749471 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 #749471 looks like.

```
.text, #text, p{  
    color:#749471  
}
```

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 #749471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749471
}
```

Border

The CSS property to change the border of an element to Hex 749471 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
#749471 }
```

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

```
.border{ border-color:#749471 }
```

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

Here you see how a box with a 4 pixel #749471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749471; -webkit-box-shadow:4px 4px  
4px 4px #749471; box-shadow:4px 4px 4px  
4px #749471 }
```

Background

The CSS property to change the background color of an element to Hex 749471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749471 }
```

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

```
.background{ background-color:#749471 }
```

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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