

Converting Colors

Hex(729466)

Have a look what the booklet for
Hex(729466) contains.

Hex(729466)	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(729466)

Conversions

Conversions Part 1

Format	Color
Hex	729466
RGB	114, 148, 102
RGB Percent	45%, 58%, 40%
CMY	0.5529, 0.4196, 0.6000
CMYK	0.23, 0.00, 0.31, 0.42
HSL	104°, 18%, 49%
HSV	104°, 31%, 58%
XYZ	19.9276, 25.7165, 16.4839
YIQ	132.5900, -5.4980, -21.5140

Conversions

Conversions Part 2

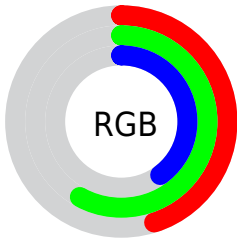
Format	Color
RYB	102, 148, 136
Decimal	7509094
CIELab	57.77, -20.93, 20.59
CIElCh	58, 29.358, 135.461
Yxy	25.7165, 0.3208, 0.4139
Android (android.graphics.Color)	4285699174 (0xFF729466)
YUV	132.5900, -15.0809, -16.3034
Hunter-Lab	50.7115, -18.6016, 16.2257

Details

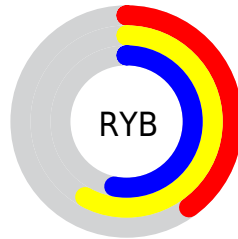
The Hex color **729466** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **886694**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A7CA99**, and **416137** is the 20% darker color. If you saturate the color by 10%, you get **679457**, and if you desaturate by 10%, it is **7D9475**.

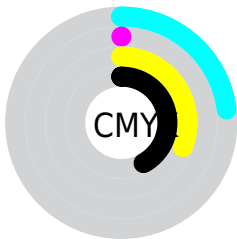
Distribution



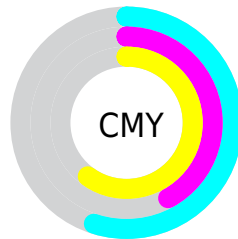
- Red (45%)
- Green (58%)
- Blue (40%)



- Red (40%)
- Yellow (58%)
- Blue (53%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 729466 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 729466 by changing the saturation by 10% instead.

 729466

 729466

FFFFFF

 597A4E

 A7CA99

 416137

 C2E6B4

 294920

 DEFFD0

 12320B

 FBFEC

 001E00

 000000


 729466

 729466

 679457

 7D9475

 5C9448

 889484

■ 51943A

■ 939492

■ 46942B

■ 9E94A1

■ 3B941C

■ A994B0

■ 30940D

■ B494BF

■ 279400

■ BF94CE

■ CA94DC

■ D494EB

Harmonies

Analogous

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



8F8D59



729466



53987D

Triad

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



729466



5391BC



BE787E

Complementary

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



729466



886694

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.



B57998



729466



7C89BC

Square

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



729466



3296AF



9F7FAF



B87C67

Rectangle

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



729466



3E998F



9F7FAF



BC7787

Sweetspot

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



729466



B3BFAE



948866



596156



E0E0E0



616161

Same Dimension

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



729466



8BBF78



669471



444A43



248A00



030A00

Inverse Universe

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



886694



AD78BF



946689



48434A



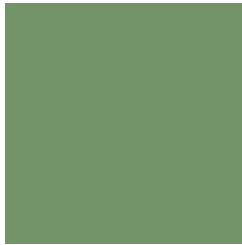
66008A



08000A

Previews

White Background



This preview shows how the Hex color 729466 looks on a white background.

Color Contrast Check

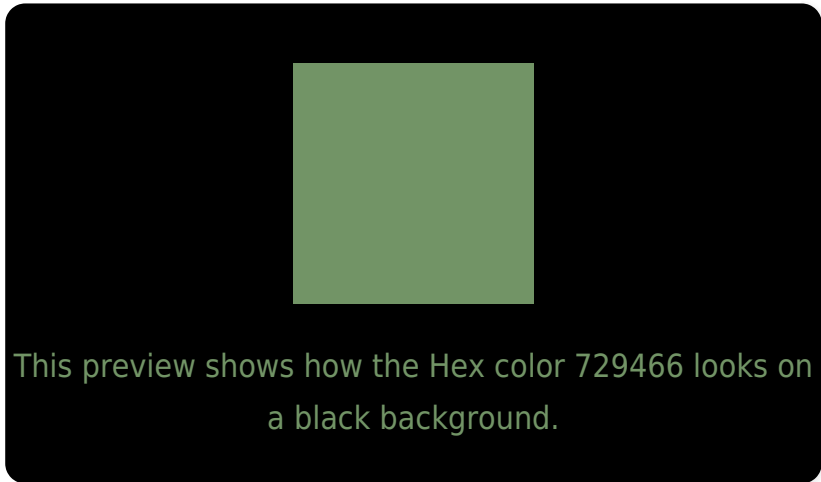
Large Text (above 18pt) WCAG AA ✓ Pass

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

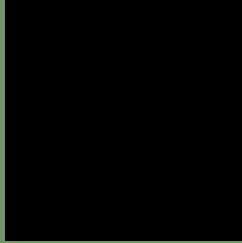
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

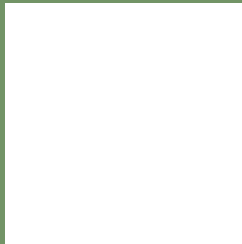
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 729466 Background



This preview shows how black text looks on a background with the Hex color 729466.



This preview shows how white text looks on a background with the Hex color 729466.

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



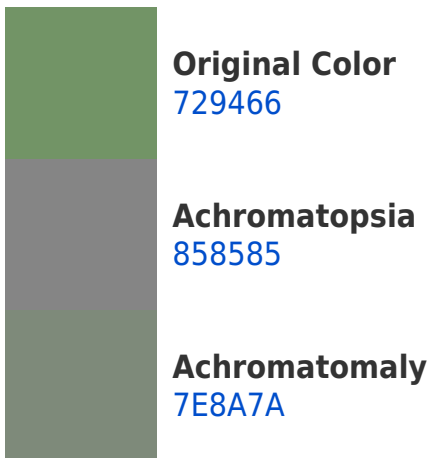


Tritanopia
7A8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 729466 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 #729466 looks like.

```
.text, #text, p{  
    color:#729466  
}
```

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 #729466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729466
}
```

Border

The CSS property to change the border of an element to Hex 729466 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
#729466 }
```

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

```
.border{ border-color:#729466 }
```

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

Here you see how a box with a 4 pixel #729466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729466; -webkit-box-shadow:4px 4px  
4px 4px #729466; box-shadow:4px 4px 4px  
4px #729466 }
```

Background

The CSS property to change the background color of an element to Hex 729466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729466 }
```

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

```
.background{ background-color:#729466 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor