

# Converting Colors

Hex(729276)

Have a look what the booklet for  
Hex(729276) contains.

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# Color

Hex(729276)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	729276
RGB	114, 146, 118
RGB Percent	45%, 57%, 46%
CMY	0.5529, 0.4275, 0.5373
CMYK	0.22, 0.00, 0.19, 0.43
HSL	128°, 13%, 51%
HSV	128°, 22%, 57%
XYZ	20.4883, 25.4432, 20.9707
YIQ	133.2400, -10.0840, -15.4920

# Conversions

## Conversions Part 2

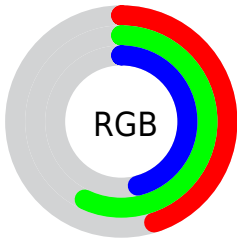
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 142, 146
Decimal	7508598
CIELab	57.50, -17.03, 11.23
CIELCh	58, 20.404, 146.599
Yxy	25.4432, 0.3062, 0.3803
Android (android.graphics.Color)	4285698678 (0xFF729276)
YUV	133.2400, -7.5133, -16.8735
Hunter-Lab	50.4412, -15.7686, 10.6593

# Details

The Hex color **729276** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **92728E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A6C8AA**, and **415F46** is the 20% darker color. If you saturate the color by 10%, you get **639269**, and if you desaturate by 10%, it is **819283**.

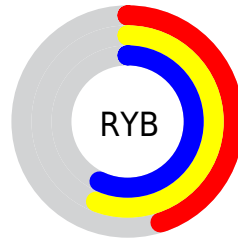
# Distribution



Red (45%)

Green (57%)

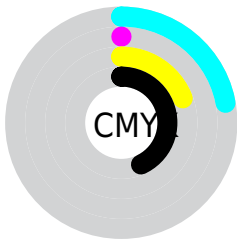
Blue (46%)



Red (45%)

Yellow (56%)

Blue (57%)

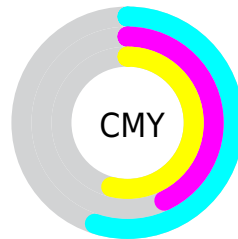


Cyan (22%)

Magenta (0%)

Yellow (19%)

Black (43%)



Cyan (55%)

Magenta (43%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 729276 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 729276 by changing the saturation by 10% instead.



 729276

 729276

FFFFFF

 59785D

 A6C8AA

 415F46

 C2E4C5

 2A482F

 DEFFE1

 14311A

 FAFFFE

 001D00

 000000

 729276

 729276

 639269

 819283

 55925C

 8F9290

■ 469250

■ 9E929C

■ 389243

■ AC92A9

■ 299236

■ BB92B6

■ 1A9229

■ CA92C3

■ 0C921D

■ D892CF

■ 009212

■ E792DC

■ F592E9

# Harmonies

## Analogous

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



868E6A



729276



609487

# Triad

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



729276



728CAD



AE7E7B

# Complementary

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



729276



92728E

# 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.



AC7D8D



729276



8A86AA

# Square

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



729276



5D91A7



9F819E



A8826D

# Rectangle

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



729276



589494



9F819E



AF7D81



# Sweetspot

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



729276



AFBDB1



8E9272



575E58



DEDEDE



5E5E5E



# Same Dimension

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



729276



8CBD92



729286



434A43



008A11



000A01



# Inverse Universe

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



92728E



BD8CB7



92727E



4A4349



8A0078



0A0009



# Previews

## White Background



This preview shows how the Hex color 729276 looks on a white background.

## Color Contrast Check

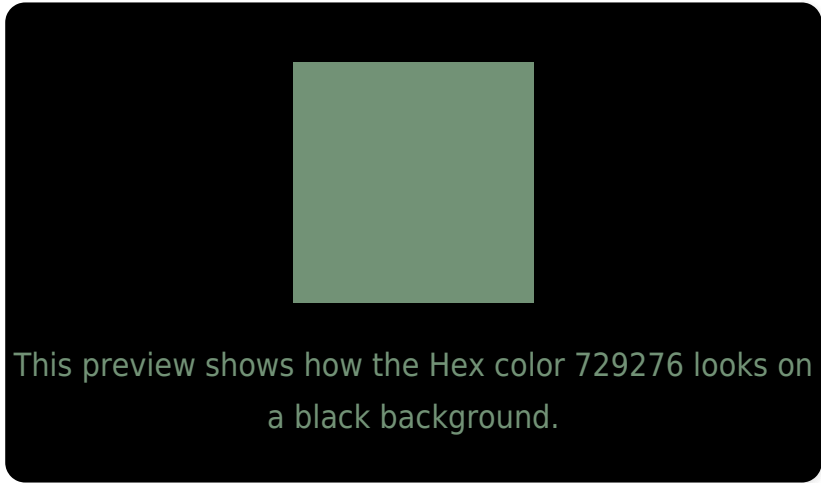
Large Text (above 18pt) WCAG AA ✓ Pass

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

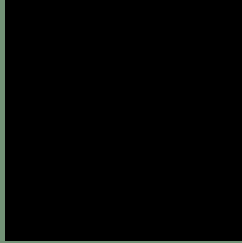
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 729276 Background



This preview shows how black text looks on a background with the Hex color 729276.



This preview shows how white text looks on a background with the Hex color 729276.

# 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**  
788D99

# Trichromacy



**Original Color**  
729276

**Protanomaly**  
868C73

**Deuteranomaly**  
8D8A78

**Tritanomaly**  
768F8C

# Monochromacy



**Original Color**  
729276

**Achromatopsia**  
858585

**Achromatomaly**  
7E8A80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 729276 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 #729276 looks like.

```
.text, #text, p{  
    color:#729276  
}
```

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 #729276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729276
}
```

## Border

The CSS property to change the border of an element to Hex 729276 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
#729276 }
```

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

```
.border{ border-color:#729276 }
```

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

Here you see how a box with a 4 pixel #729276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729276; -webkit-box-shadow:4px 4px  
4px 4px #729276; box-shadow:4px 4px 4px  
4px #729276 }
```

# Background

The CSS property to change the background color of an element to Hex 729276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729276 }
```

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

```
.background{ background-color:#729276 }
```

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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