

# Converting Colors

Hex(749173)

Have a look what the booklet for  
Hex(749173) contains.

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**Color**

**Hex(749173)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	749173
RGB	116, 145, 115
RGB Percent	45%, 57%, 45%
CMY	0.5451, 0.4314, 0.5490
CMYK	0.20, 0.00, 0.21, 0.43
HSL	118°, 12%, 51%
HSV	118°, 21%, 57%
XYZ	20.4224, 25.2016, 20.0077
YIQ	132.9090, -7.6540, -15.4780

# Conversions

## Conversions Part 2

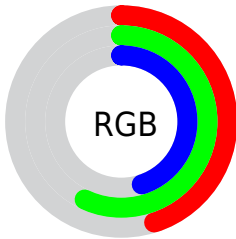
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 145, 144
Decimal	7639411
CIE <sub>Lab</sub>	57.27, -16.35, 12.63
CIE <sub>LCh</sub>	57, 20.658, 142.325
Yxy	25.2016, 0.3112, 0.3840
Android (android.graphics.Color)	4285829491 (0xFF749173)
YUV	132.9090, -8.8291, -14.8292
Hunter-Lab	50.2012, -15.2365, 11.5108

# Details

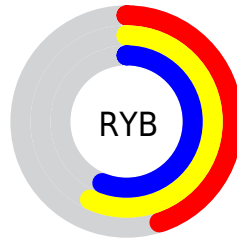
The Hex color **749173** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **907391**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A8C7A7**, and **435E43** is the 20% darker color. If you saturate the color by 10%, you get **669165**, and if you desaturate by 10%, it is **829182**.

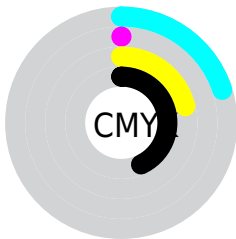
# Distribution



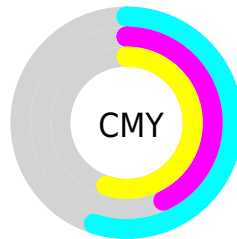
- Red (45%)
- Green (57%)
- Blue (45%)



- Red (45%)
- Yellow (57%)
- Blue (56%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)



- Cyan (55%)
- Magenta (43%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 749173 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 749173 by changing the saturation by 10% instead.



 749173

 749173

FFFFFF

 5B775A

 A8C7A7

 435E43

 C4E3C2

 2C472D

 E0FFDE

 163018

 F0FFFB

 001C00

 000000

 749173

 749173

 669165

 829182

 589156

 909190

 4A9148

 9E919F

 3C9139

 AC91AD

 2E912B

 BA91BB

 20911C

 C891CA

 12910D

 D691D9

 059100

 E491E7

 F291F5

# Harmonies

## Analogous

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



898D68



749173



619384

# Triad

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



749173



6D8DAD



AE7D7D

# Complementary

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



749173



907391

# 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.



AA7D8F



749173



8686AB

# Square

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



749173



5A91A5



9C81A0



A9816E

# Rectangle

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



749173



589491



9C81A0



AE7D83



# Sweetspot

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



749173



B2BDB1



919073



585E58



DEDEDE



5E5E5E



# Same Dimension

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



749173



8FBD8E



739181



404740



058700



000800



# Inverse Universe

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



907391



BB8EBD



917383



474047



830087



070008



# Previews

## White Background



This preview shows how the Hex color 749173 looks on a white background.

## Color Contrast Check

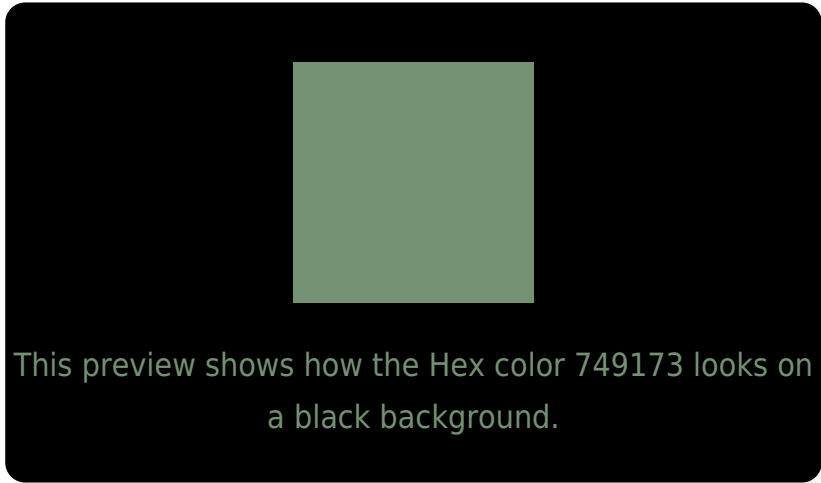
Large Text (above 18pt) WCAG AA ✓ Pass

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

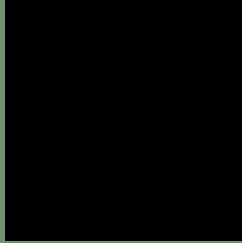
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 749173 Background



This preview shows how black text looks on a background with the Hex color 749173.



This preview shows how white text looks on a background with the Hex color 749173.

# 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**  
7A8C97

# Trichromacy



**Original Color**  
749173

**Protanomaly**  
868C70

**Deuteranomaly**  
8E8975

**Tritanomaly**  
788E8A

# Monochromacy



**Original Color**  
749173

**Achromatopsia**  
858585

**Achromatomaly**  
7F897E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 749173 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 #749173 looks like.

```
.text, #text, p{  
    color:#749173  
}
```

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 #749173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749173
}
```

## Border

The CSS property to change the border of an element to Hex 749173 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
#749173 }
```

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

```
.border{ border-color:#749173 }
```

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

Here you see how a box with a 4 pixel #749173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749173; -webkit-box-shadow:4px 4px  
4px 4px #749173; box-shadow:4px 4px 4px  
4px #749173 }
```

# Background

The CSS property to change the background color of an element to Hex 749173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749173 }
```

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

```
.background{ background-color:#749173 }
```

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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