

# Converting Colors

Hex(749652)

Have a look what the booklet for  
Hex(749652) contains.

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# Color

Hex(749652)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	749652
RGB	116, 150, 82
RGB Percent	45%, 59%, 32%
CMY	0.5451, 0.4118, 0.6784
CMYK	0.23, 0.00, 0.45, 0.41
HSL	90°, 29%, 45%
HSV	90°, 45%, 59%
XYZ	19.6318, 26.1349, 11.9925
YIQ	132.0820, 1.5640, -28.3560

# Conversions

## Conversions Part 2

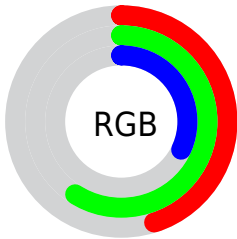
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 150, 116
Decimal	7640658
CIELab	58.16, -24.12, 32.00
CIELCh	58, 40.071, 127.003
Yxy	26.1349, 0.3399, 0.4525
Android (android.graphics.Color)	4285830738 (0xFF749652)
YUV	132.0820, -24.6904, -14.1039
Hunter-Lab	51.1223, -20.9171, 21.8771

# Details

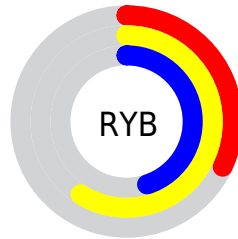
The Hex color **749652** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **745296**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A9CC85**, and **426322** is the 20% darker color. If you saturate the color by 10%, you get **6D9643**, and if you desaturate by 10%, it is **7C9661**.

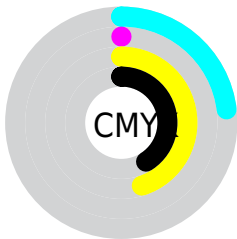
# Distribution



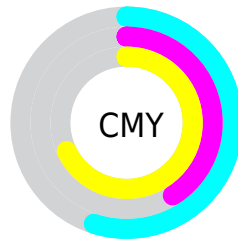
- Red (45%)
- Green (59%)
- Blue (32%)



- Red (32%)
- Yellow (59%)
- Blue (45%)



- Cyan (23%)
- Magenta (0%)
- Yellow (45%)
- Black (41%)



- Cyan (55%)
- Magenta (41%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 749652 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 749652 by changing the saturation by 10% instead.





749652



749652

FFFFFF



5A7C3A



A9CC85



426322



C5E99F



294B0A



E1FFBA



133400



FEFFD6



002000



FFFFFF3



000000



749652



749652



6D9643



7C9661



659634



839670

 5E9625

 8B967F

 569616

 92968E

 4F9607

 9A969D

 4B9600

 A196AC

 A996BB

 B096CA

 B896D9

# Harmonies

## Analogous

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



998C44



749652



459C6F

# Triad

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



749652



0097CC



CE6F85

# Complementary

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



749652



745296

# 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.



BE73A8



749652



628DD1

# Square

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



749652



009CB5



9A7FC4



CB7463

# Rectangle

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



749652



079E87



9A7FC4



CB6F91



# Sweetspot

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



749652



B4C2A7



967452



596150



E0E0E0



616161



# Same Dimension

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



749652



8DC259



529652



464A43



458A00



050A00



# Inverse Universe

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



745296



8D59C2



965296



46434A



45008A



05000A



# Previews

## White Background



This preview shows how the Hex color 749652 looks on a white background.

## Color Contrast Check

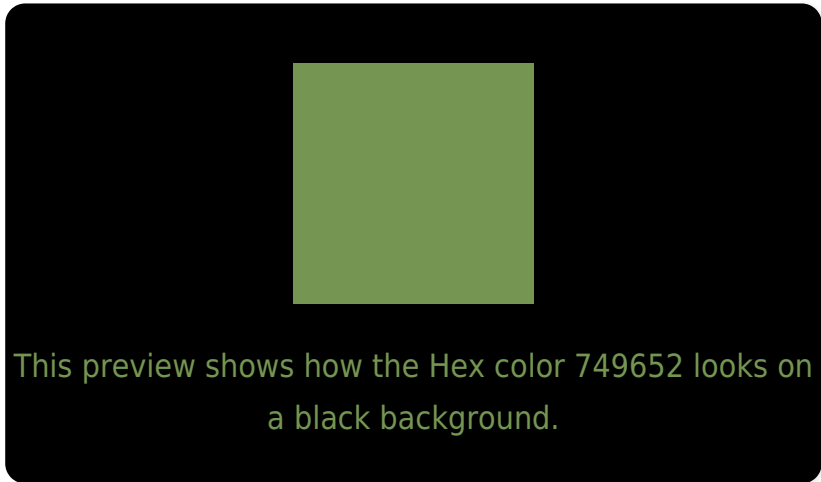
Large Text (above 18pt) WCAG AA ✓ Pass

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

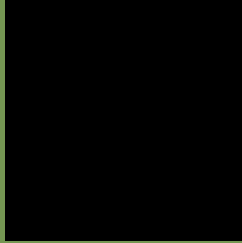
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 749652 Background



This preview shows how black text looks on a background with the Hex color 749652.



This preview shows how white text looks on a background with the Hex color 749652.

# 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



**Original Color**  
749652

**Protanopia**  
998B4E

**Deuteranopia**  
A98556



**Tritanopia**  
7E8E99

# Trichromacy



**Original Color**

749652

**Protanomaly**

8C8F4F

**Deuteranomaly**

968B55

**Tritanomaly**

7A917F

# Monochromacy



**Original Color**

749652

**Achromatopsia**

848484

**Achromatomaly**

7E8B72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 749652 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 #749652 looks like.

```
.text, #text, p{  
    color:#749652  
}
```

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 #749652 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749652
}
```

## Border

The CSS property to change the border of an element to Hex 749652 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
#749652 }
```

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

```
.border{ border-color:#749652 }
```

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

Here you see how a box with a 4 pixel #749652 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749652; -webkit-box-shadow:4px 4px  
4px 4px #749652; box-shadow:4px 4px 4px  
4px #749652 }
```

# Background

The CSS property to change the background color of an element to Hex 749652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749652 }
```

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

```
.background{ background-color:#749652 }
```

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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