

# Converting Colors

Hex(749C5D)

Have a look what the booklet for  
Hex(749C5D) contains.

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**Color**

**Hex(749C5D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	749C5D
RGB	116, 156, 93
RGB Percent	45%, 61%, 36%
CMY	0.5451, 0.3882, 0.6353
CMYK	0.26, 0.00, 0.40, 0.39
HSL	98°, 25%, 49%
HSV	98°, 40%, 61%
XYZ	21.0667, 28.2803, 14.7042
YIQ	136.8580, -3.6170, -28.0730

# Conversions

## Conversions Part 2

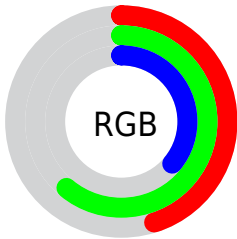
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 156, 133
Decimal	7642205
CIE <sub>Lab</sub>	60.14, -25.60, 28.67
CIE <sub>LCh</sub>	60, 38.436, 131.768
Yxy	28.2803, 0.3289, 0.4415
Android (android.graphics.Color)	4285832285 (0xFF749C5D)
YUV	136.8580, -21.6220, -18.2925
Hunter-Lab	53.1792, -22.3515, 20.8315

# Details

The Hex color **749C5D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **855D9C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A9D390**, and **42682D** is the 20% darker color. If you saturate the color by 10%, you get **6A9C4D**, and if you desaturate by 10%, it is **7E9C6D**.

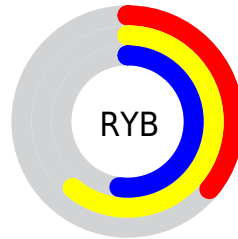
# Distribution



Red (45%)

Green (61%)

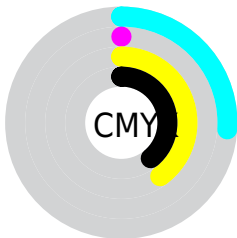
Blue (36%)



Red (36%)

Yellow (61%)

Blue (52%)

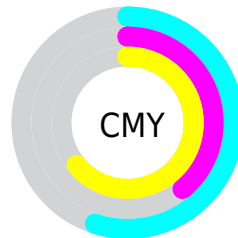


Cyan (26%)

Magenta (0%)

Yellow (40%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 749C5D 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 749C5D by changing the saturation by 10% instead.



 749C5D

 749C5D

FFFFFF

 5A8245


 A9D390

 42682D

 C5EFAB

 295017

 E1FFC6

 113900

 FEFEE3

 002300

 000100

 000000

 749C5D

 749C5D

 6A9C4D

 7E9C6D

■ 609C3E

■ 889C7C

■ 569C2E

■ 929C8C

■ 4C9C1F

■ 9C9C9B

■ 429C0F

■ A69CAB

■ 399C00

■ AF9CBB

■ B99CCA

■ C39CDA

■ CD9CE9

# Harmonies

## Analogous

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



99934D



749C5D



46A17B

# Triad

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



749C5D



2A9AD1



D27685

# Complementary

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



749C5D



855D9C

# 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.



C579A7



749C5D



7490D3

# Square

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



749C5D



00A1BD



A683C4



CC7C65

# Rectangle

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



749C5D



14A392



A683C4



D07690



# Sweetspot

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



749C5D



BCCCB4



9C855D



5D6658



E6E6E6



666666



# Same Dimension

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



749C5D



8ECC6A



5D9C65



4A4F47



348F00



060F00



# Inverse Universe

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



855D9C



A86ACC



9C5D94



4C474F



5B008F



0A000F



# Previews

## White Background



This preview shows how the Hex color 749C5D looks on a white background.

## Color Contrast Check

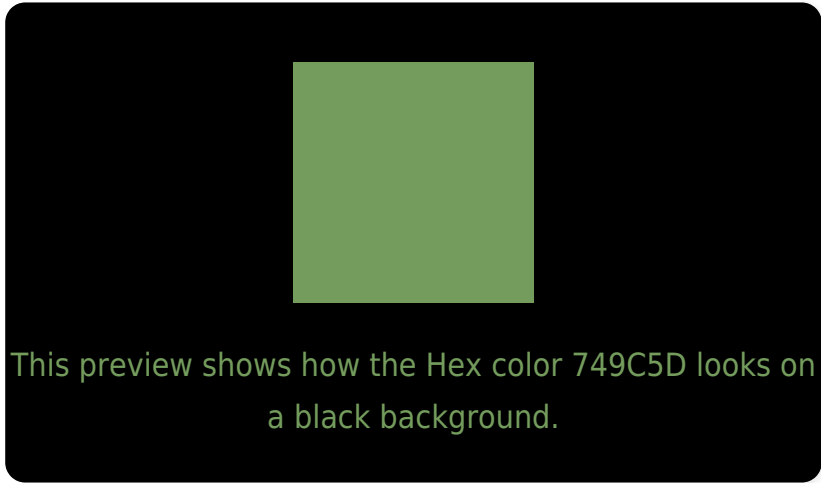
Large Text (above 18pt) WCAG AA ✓ Pass

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 749C5D Background



This preview shows how black text looks on a background with the Hex color 749C5D.



This preview shows how white text looks on a background with the Hex color 749C5D.

# 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**  
749C5D

**Protanopia**  
9E9059

**Deuteranopia**  
AD8A61



**Tritanopia**  
7E94A0

# Trichromacy



**Original Color**  
749C5D

**Protanomaly**  
8F945A

**Deuteranomaly**  
989160

**Tritanomaly**  
7A9788

# Monochromacy



**Original Color**  
749C5D

**Achromatopsia**  
898989

**Achromatomaly**  
819079

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 749C5D 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 #749C5D looks like.

```
.text, #text, p{  
    color:#749C5D  
}
```

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 #749C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749C5D
}
```

## Border

The CSS property to change the border of an element to Hex 749C5D 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
#749C5D }
```

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

```
.border{ border-color:#749C5D }
```

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

Here you see how a box with a 4 pixel #749C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749C5D; -webkit-box-shadow:4px 4px  
4px 4px #749C5D; box-shadow:4px 4px 4px  
4px #749C5D }
```

# Background

The CSS property to change the background color of an element to Hex 749C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749C5D }
```

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

```
.background{ background-color:#749C5D }
```

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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