

Converting Colors

Hex(739A53)

Have a look what the booklet for
Hex(739A53) contains.

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Color

Hex(739A53)

Conversions

Conversions Part 1

Format	Color
Hex	739A53
RGB	115, 154, 83
RGB Percent	45%, 60%, 33%
CMY	0.5490, 0.3961, 0.6745
CMYK	0.25, 0.00, 0.46, 0.40
HSL	93°, 30%, 46%
HSV	93°, 46%, 60%
XYZ	20.1872, 27.3806, 12.4046
YIQ	134.2450, -0.4530, -30.3490

Conversions

Conversions Part 2

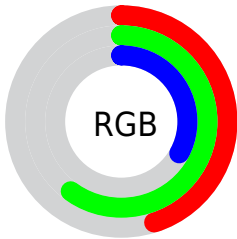
Format	Color
RYB	83, 154, 122
Decimal	7576147
CIELab	59.32, -26.36, 32.92
CIELCh	59, 42.167, 128.685
Yxy	27.3806, 0.3366, 0.4566
Android (android.graphics.Color)	4285766227 (0xFF739A53)
YUV	134.2450, -25.2638, -16.8779
Hunter-Lab	52.3264, -22.7073, 22.5731

Details

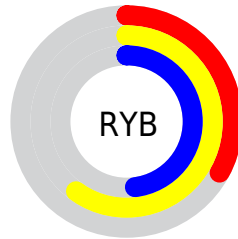
The Hex color **739A53** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7A539A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A8D186**, and **406723** is the 20% darker color. If you saturate the color by 10%, you get **6B9A44**, and if you desaturate by 10%, it is **7B9A62**.

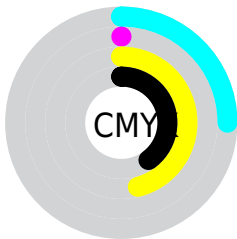
Distribution



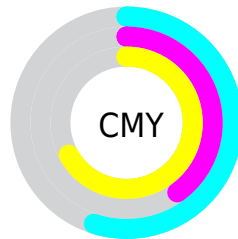
- Red (45%)
- Green (60%)
- Blue (33%)



- Red (33%)
- Yellow (60%)
- Blue (48%)



- Cyan (25%)
- Magenta (0%)
- Yellow (46%)
- Black (40%)



- Cyan (55%)
- Magenta (40%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 739A53 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 739A53 by changing the saturation by 10% instead.

 739A53

 739A53

FFFFFF

 59803B


 A8D186

 406723

 C4EDA0

 284E0A

 E1FFBC

 113700

 FEFFD8

 002200

 FFFFF4

 000000

 739A53

 739A53

 6B9A44


 7B9A62

 629A34

 849A72

 5A9A25

 8C9A81

 519A15

 959A91

 499A06

 9D9AA0

 459A00

 A69AAF

 AE9ABF

 B79ACE

 BF9ADE

Harmonies

Analogous

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



9B9043



739A53



3FA073

Triad

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



739A53



009AD3



D57085

Complementary

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



739A53



7A539A

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.



C574AB



739A53



658FD8

Square

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



739A53



00A0BC



A081C9



D07762

Rectangle

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



739A53



00A28C



A081C9



D27092

Sweetspot

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



739A53



BAC9AD



9A7953



5C6655



E6E6E6



666666

Same Dimension

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



739A53



8DC95B



539A55



484D45



3F8C00



060D00

Inverse Universe

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



7A539A



985BC9



9A5398



49454D



4D008C



07000D

Previews

White Background



This preview shows how the Hex color 739A53 looks on a white background.

Color Contrast Check

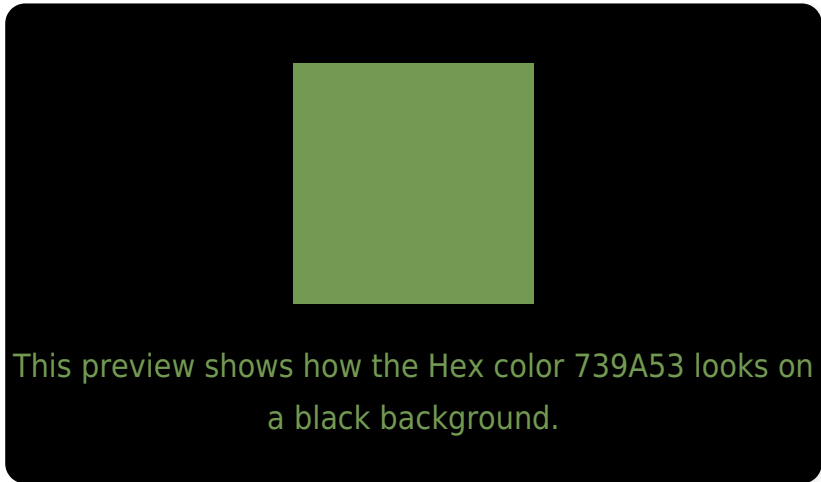
Large Text (above 18pt) WCAG AA ✓ Pass

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

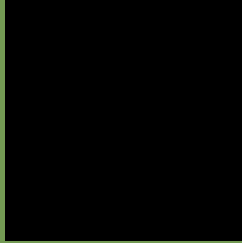
Any Text WCAG AA ✓ Pass

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 739A53 Background



This preview shows how black text looks on a background with the Hex color 739A53.

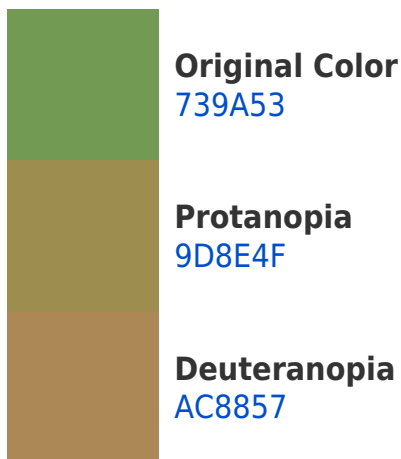


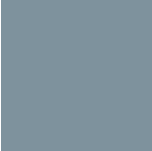
This preview shows how white text looks on a background with the Hex color 739A53.

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
7E929D

Trichromacy



Original Color
739A53

Protanomaly
8E9250

Deuteranomaly
978F56

Tritanomaly
7A9582

Monochromacy



Original Color
739A53

Achromatopsia
868686

Achromatomaly
7F8D73

CSS Examples

Text

The CSS property to change the color of the text to Hex 739A53 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 #739A53 looks like.

```
.text, #text, p{  
    color:#739A53  
}
```

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 #739A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739A53
}
```

Border

The CSS property to change the border of an element to Hex 739A53 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
#739A53 }
```

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

```
.border{ border-color:#739A53 }
```

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

Here you see how a box with a 4 pixel #739A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739A53; -webkit-box-shadow:4px 4px  
4px 4px #739A53; box-shadow:4px 4px 4px  
4px #739A53 }
```

Background

The CSS property to change the background color of an element to Hex 739A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739A53 }
```

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

```
.background{ background-color:#739A53 }
```

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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