

Converting Colors

Hex(74A235)

Have a look what the booklet for
Hex(74A235) contains.

Hex(74A235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(74A235)

Conversions

Conversions Part 1

Format	Color
Hex	74A235
RGB	116, 162, 53
RGB Percent	45%, 64%, 21%
CMY	0.5451, 0.3647, 0.7922
CMYK	0.28, 0.00, 0.67, 0.36
HSL	85°, 51%, 42%
HSV	85°, 67%, 64%
XYZ	20.7654, 29.8107, 8.0278
YIQ	135.8200, 7.5730, -43.6510

Conversions

Conversions Part 2

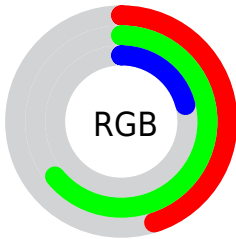
Format	Color
RYB	53, 162, 99
Decimal	7643701
CIELab	61.49, -32.87, 49.74
CIELCh	61, 59.620, 123.457
Yxy	29.8107, 0.3543, 0.5087
Android (android.graphics.Color)	4285833781 (0xFF74A235)
YUV	135.8200, -40.8303, -17.3821
Hunter-Lab	54.5992, -27.6607, 29.5020

Details

The Hex color **74A235** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6335A2**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **ABD969**, and **3F6E00** is the 20% darker color. If you saturate the color by 10%, you get **6DA225**, and if you desaturate by 10%, it is **7BA245**.

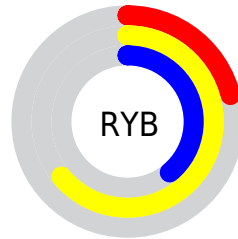
Distribution



Red (45%)

Green (64%)

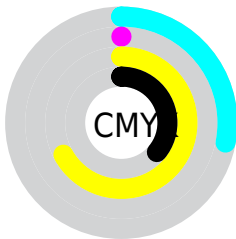
Blue (21%)



Red (21%)

Yellow (64%)

Blue (39%)

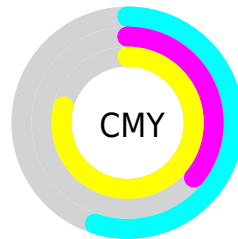


Cyan (28%)

Magenta (0%)

Yellow (67%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74A235 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 74A235 by changing the saturation by 10% instead.



74A235



74A235

FFFFFF



598819



ABD969



3F6E00



C7F684



245500



E4FF9F



023E00



FFFFBB



002800



FFFFD7



000A00



FFFFF4



000000



74A235



74A235



6DA225



7BA245

■ 66A215

■ 82A255

■ 5FA204

■ 89A266

■ 5EA200

■ 8FA276

■ 96A286

■ 9DA296

■ A4A2A6

■ ABA2B7

■ B2A2C7

Harmonies

Analogous

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



AA941E



74A235



0CAA63

Triad

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



74A235



00A6F2



F36291

Complementary

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



74A235



6335A2

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.



D96DC5



74A235



0499FE

Square

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



74A235



00ADCD



9E84ED



EF6C5D

Rectangle

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



74A235



00AD87



9E84ED



EE64A2

Sweetspot

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



74A235



C2D4A9



A26235



606B51



EBEBEB



6B6B6B

Same Dimension

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



74A235



8BD428



3EA235



4E5249



549100



0A1200

Inverse Universe

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



6335A2



7128D4



9935A2



4D4952



3D0091



080012

Previews

White Background



This preview shows how the Hex color 74A235 looks on a white background.

Color Contrast Check

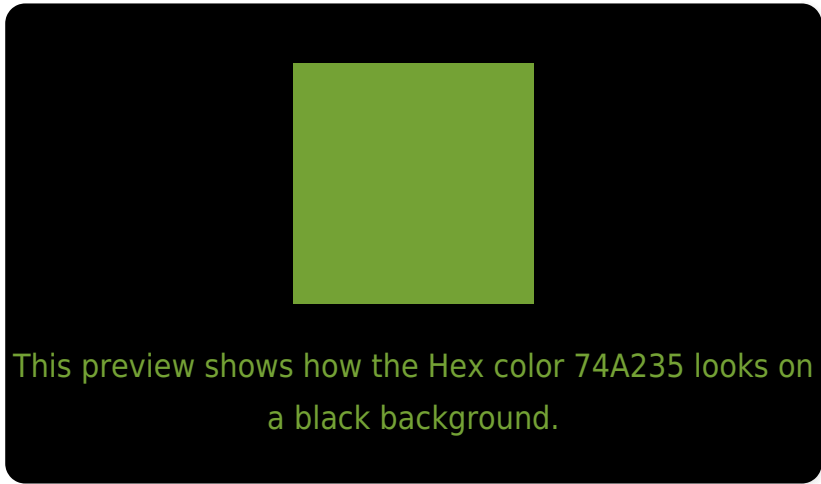
Large Text (above 18pt) WCAG AA ✓ Pass

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 74A235 Background



This preview shows how black text looks on a background with the Hex color 74A235.

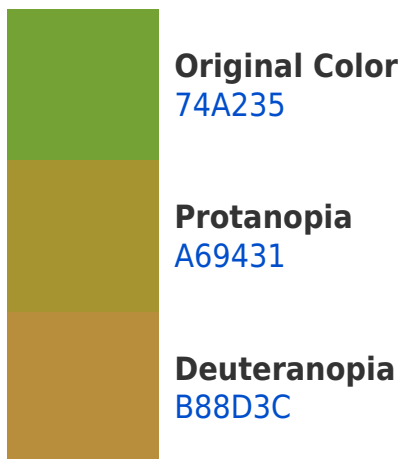


This preview shows how white text looks on a background with the Hex color 74A235.

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](#).

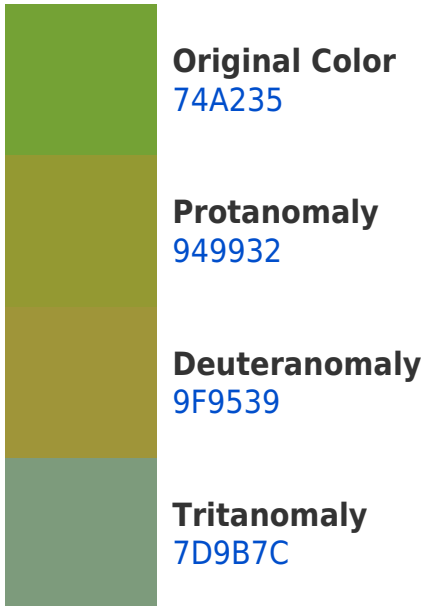
Dichromacy



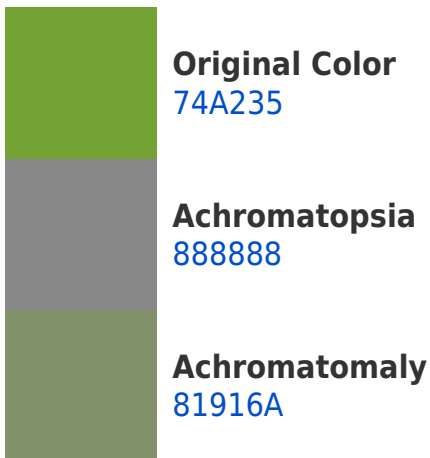


Tritanopia
8297A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74A235 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 #74A235 looks like.

```
.text, #text, p{  
    color:#74A235  
}
```

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 #74A235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A235
}
```

Border

The CSS property to change the border of an element to Hex 74A235 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
#74A235 }
```

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

```
.border{ border-color:#74A235 }
```

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

Here you see how a box with a 4 pixel #74A235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A235; -webkit-box-shadow:4px 4px  
4px 4px #74A235; box-shadow:4px 4px 4px  
4px #74A235 }
```

Background

The CSS property to change the background color of an element to Hex 74A235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A235 }
```

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

```
.background{ background-color:#74A235 }
```

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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