

Converting Colors

Hex(75AA43)

Have a look what the booklet for
Hex(75AA43) contains.

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Color

Hex(75AA43)

Conversions

Conversions Part 1

Format	Color
Hex	75AA43
RGB	117, 170, 67
RGB Percent	46%, 67%, 26%
CMY	0.5412, 0.3333, 0.7373
CMYK	0.31, 0.00, 0.61, 0.33
HSL	91°, 43%, 46%
HSV	91°, 61%, 67%
XYZ	22.7240, 32.9366, 10.4699
YIQ	142.4110, 1.4750, -43.2690

Conversions

Conversions Part 2

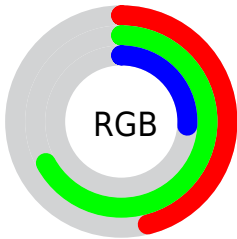
Format	Color
RYB	67, 170, 120
Decimal	7711299
CIELab	64.11, -34.97, 46.49
CIElCh	64, 58.178, 126.952
Yxy	32.9366, 0.3436, 0.4981
Android (android.graphics.Color)	4285901379 (0xFF75AA43)
YUV	142.4110, -37.1776, -22.2854
Hunter-Lab	57.3904, -29.7555, 29.3568

Details

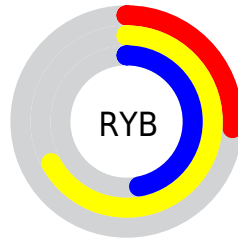
The Hex color **75AA43** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7843AA**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **ACE277**, and **40750B** is the 20% darker color. If you saturate the color by 10%, you get **6CAA32**, and if you desaturate by 10%, it is **7EAA54**.

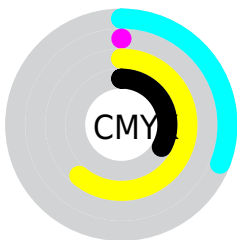
Distribution



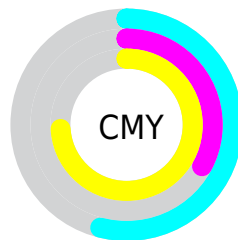
- Red (46%)
- Green (67%)
- Blue (26%)



- Red (26%)
- Yellow (67%)
- Blue (47%)



- Cyan (31%)
- Magenta (0%)
- Yellow (61%)
- Black (33%)



- Cyan (54%)
- Magenta (33%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75AA43 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 75AA43 by changing the saturation by 10% instead.

 75AA43

 75AA43

FFFFFF

 5A8F29

 ACE277

 40750B

 C8FE92

 245C00

 E5FFAD

 044400

 FFFFC9

 002D00

 FFFF E5

 001700

 000000

 75AA43

 75AA43

 6CAA32

 7EAA54

■ 64AA21

■ 86AA65

■ 5BAA10

■ 8FAA76

■ 53AA00

■ 98AA87

■ A1AA98

■ A9AAA9

■ B2AABA

■ BBAACB

■ C4AADC

Harmonies

Analogous

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



AC9D2B



75AA43



05B271

Triad

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



75AA43



00ACFA



FA6B91

Complementary

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



75AA43



7843AA

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.



E474C5



75AA43



469DFF

Square

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



75AA43



00B3D8



AE89EF



F47660

Rectangle

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



75AA43



00B494



AE89EF



F66CA3

Sweetspot

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



75AA43



C9DEB6



AA7643



637058



F0F0F0



707070

Same Dimension

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



75AA43



8BDE3C



43AA43



50544C



489400



0A1400

Inverse Universe

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



7843AA



8F3CDE



AA43AA



504C54



4C0094



0A0014

Previews

White Background



This preview shows how the Hex color 75AA43 looks on a white background.

Color Contrast Check

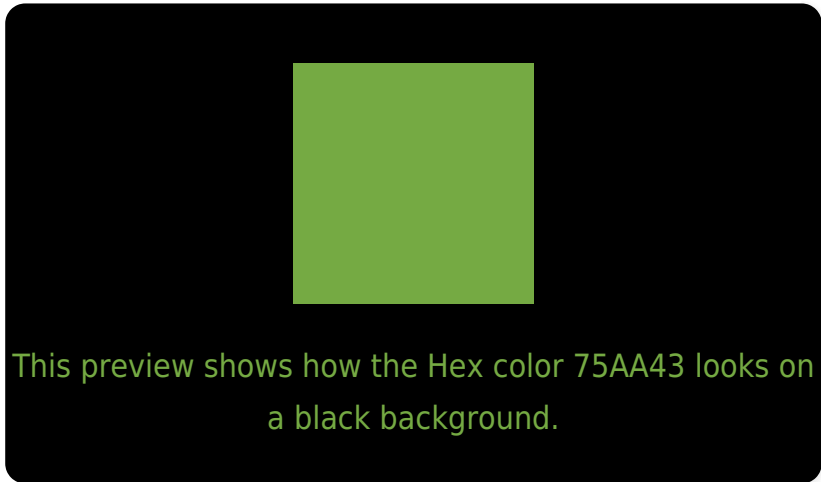
Large Text (above 18pt) WCAG AA × Fail

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

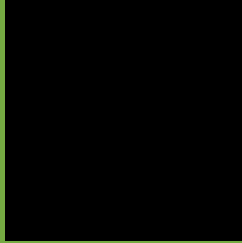
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 75AA43 Background



This preview shows how black text looks on a background with the Hex color 75AA43.

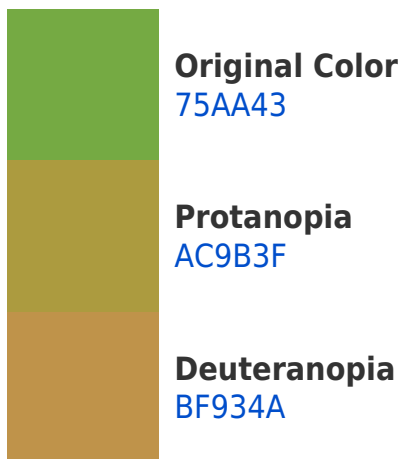


This preview shows how white text looks on a background with the Hex color 75AA43.

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



Trichromacy



Original Color
75AA43

Protanomaly
98A040

Deuteranomaly
A49B47

Tritanomaly
7FA386

Monochromacy



Original Color
75AA43

Achromatopsia
8E8E8E

Achromatomaly
859873

CSS Examples

Text

The CSS property to change the color of the text to Hex 75AA43 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 #75AA43 looks like.

```
.text, #text, p{  
    color:#75AA43  
}
```

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 #75AA43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AA43
}
```

Border

The CSS property to change the border of an element to Hex 75AA43 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
#75AA43 }
```

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

```
.border{ border-color:#75AA43 }
```

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

Here you see how a box with a 4 pixel #75AA43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AA43; -webkit-box-shadow:4px 4px  
4px 4px #75AA43; box-shadow:4px 4px 4px  
4px #75AA43 }
```

Background

The CSS property to change the background color of an element to Hex 75AA43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AA43 }
```

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

```
.background{ background-color:#75AA43 }
```

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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