

Converting Colors

Hex(75AC75)

Have a look what the booklet for
Hex(75AC75) contains.

Hex(75AC75)	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(75AC75)

Conversions

Conversions Part 1

Format	Color
Hex	75AC75
RGB	117, 172, 117
RGB Percent	46%, 67%, 46%
CMY	0.5412, 0.3255, 0.5412
CMYK	0.32, 0.00, 0.32, 0.33
HSL	120°, 25%, 57%
HSV	120°, 32%, 67%
XYZ	25.2995, 34.5713, 22.1691
YIQ	149.2850, -15.1250, -28.7650

Conversions

Conversions Part 2

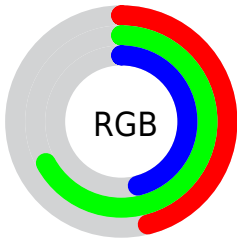
Format	Color
RYB	117, 172, 172
Decimal	7711861
CIELab	65.41, -29.29, 22.71
CIELCh	65, 37.060, 142.210
Yxy	34.5713, 0.3084, 0.4214
Android (android.graphics.Color)	4285901941 (0xFF75AC75)
YUV	149.2850, -15.9165, -28.3139
Hunter-Lab	58.7974, -26.0898, 18.8033

Details

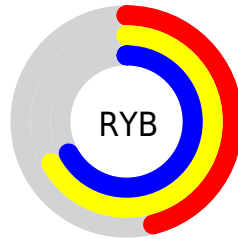
The Hex color **75AC75** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC75AC**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **ABE4A9**, and **427744** is the 20% darker color. If you saturate the color by 10%, you get **64AC64**, and if you desaturate by 10%, it is **86AC86**.

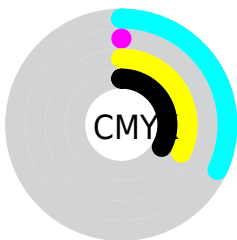
Distribution



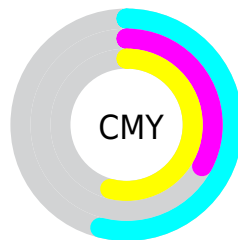
- Red (46%)
- Green (67%)
- Blue (46%)



- Red (46%)
- Yellow (67%)
- Blue (67%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 75AC75 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 75AC75 by changing the saturation by 10% instead.

 75AC75

 75AC75

FFFFFF

 5B915C

 ABE4A9

 427744

 C6FFC5

 295E2D

 E3FFE1

 0D4617

FFFFFFE

 002F00

 001B00

 000000

 75AC75

 75AC75

 64AC64

 86AC86

 53AC53

 97AC97

 41AC41

 A9ACA9

 30AC30

 BAACBA

 1FAC1F

 CBACCB

 0EAC0E

 DCACDC

 00AC00

 EDACED

 FFACFF

Harmonies

Analogous

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



9BA460



75AC75



48B095

Triad

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



75AC75



5EA5E0



DF8687

Complementary

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



75AC75



AC75AC

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.



D986A9



75AC75



9699DC

Square

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



75AC75



17ADD2



C08DC8



D48E6C

Rectangle

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



75AC75



22B1AC



C08DC8



DF8592

Sweetspot

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



75AC75



CAE0CA



ACAC75



637063



F0F0F0



707070

Same Dimension

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



75AC75



8BE08B



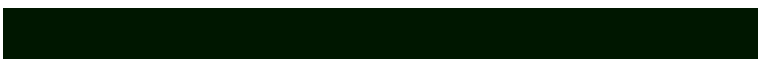
75AC91



4E574E



009600



001700

Inverse Universe

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



AC75AC



E08BE0



AC7591



574E57



960096



170017

Previews

White Background



This preview shows how the Hex color 75AC75 looks on a white background.

Color Contrast Check

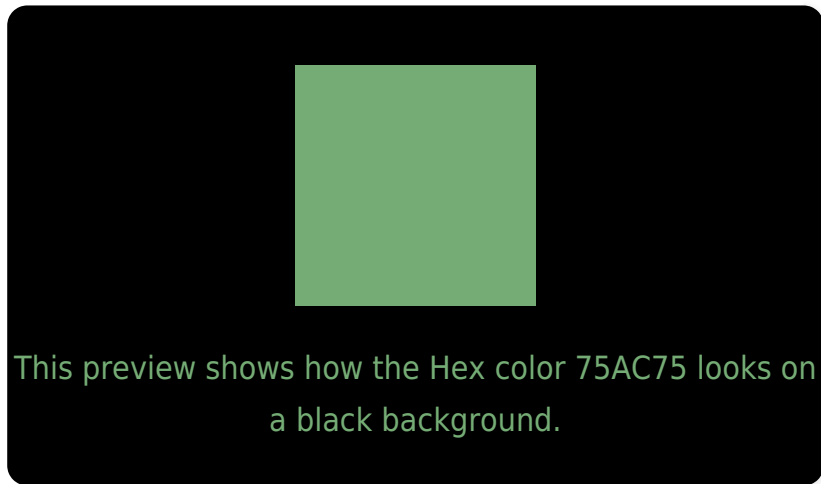
Large Text (above 18pt) WCAG AA × Fail

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

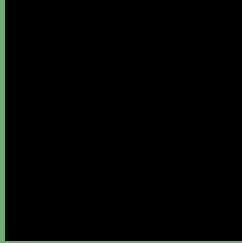
Any Text WCAG AA ✓ Pass

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 75AC75 Background



This preview shows how black text looks on a background with the Hex color 75AC75.

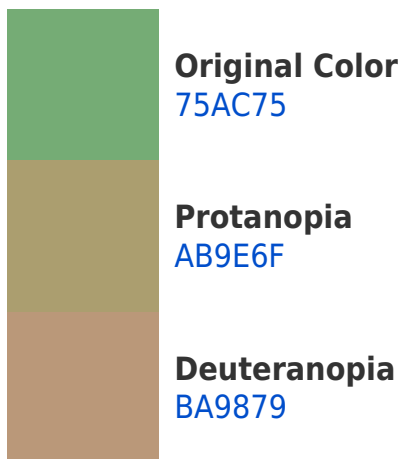


This preview shows how white text looks on a background with the Hex color 75AC75.

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](#).

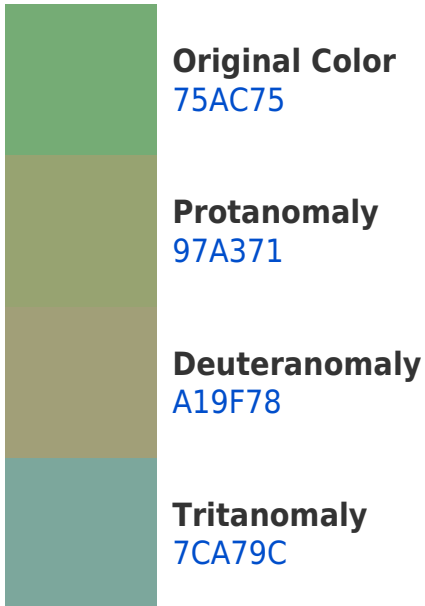
Dichromacy



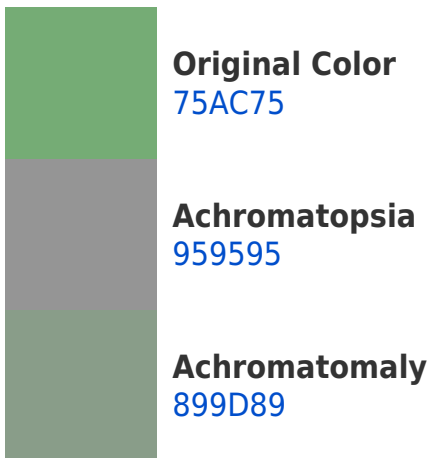


Tritanopia
80A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75AC75 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 #75AC75 looks like.

```
.text, #text, p{  
    color:#75AC75  
}
```

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 #75AC75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AC75  
}
```

Border

The CSS property to change the border of an element to Hex 75AC75 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  
#75AC75 }
```

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

```
.border{ border-color:#75AC75 }
```

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

Here you see how a box with a 4 pixel #75AC75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AC75; -webkit-box-shadow:4px 4px  
4px 4px #75AC75; box-shadow:4px 4px 4px  
4px #75AC75 }
```

Background

The CSS property to change the background color of an element to Hex 75AC75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AC75 }
```

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

```
.background{ background-color:#75AC75 }
```

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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