

Converting Colors

Hex(75AC25)

Have a look what the booklet for
Hex(75AC25) contains.

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Color

Hex(75AC25)

Conversions

Conversions Part 1

Format	Color
Hex	75AC25
RGB	117, 172, 37
RGB Percent	46%, 67%, 15%
CMY	0.5412, 0.3255, 0.8549
CMYK	0.32, 0.00, 0.78, 0.33
HSL	84°, 65%, 41%
HSV	84°, 78%, 67%
XYZ	22.4226, 33.4205, 7.0193
YIQ	140.1650, 10.5550, -53.6450

Conversions

Conversions Part 2

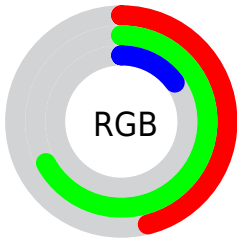
Format	Color
RYB	37, 172, 92
Decimal	7711781
CIELab	64.50, -38.03, 58.60
CIELCh	64, 69.861, 122.986
Yxy	33.4205, 0.3567, 0.5316
Android (android.graphics.Color)	4285901861 (0xFF75AC25)
YUV	140.1650, -50.8603, -20.3157
Hunter-Lab	57.8105, -31.9347, 33.2684

Details

The Hex color **75AC25** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5C25AC**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **ADE45D**, and **3E7700** is the 20% darker color. If you saturate the color by 10%, you get **6EAC14**, and if you desaturate by 10%, it is **7CAC36**.

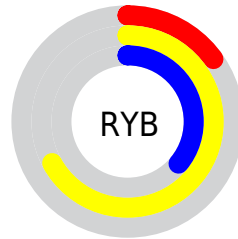
Distribution



Red (46%)

Green (67%)

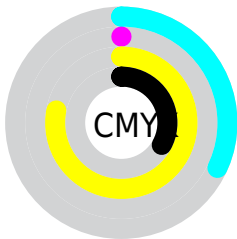
Blue (15%)



Red (15%)

Yellow (67%)

Blue (36%)

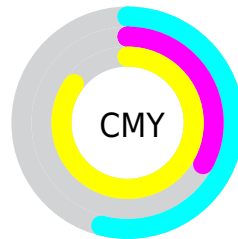


Cyan (32%)

Magenta (0%)

Yellow (78%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75AC25 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 75AC25 by changing the saturation by 10% instead.



75AC25



75AC25

FFFFFF



599100



ADE45D



3E7700



CAFF79



225E00



E7FF94



004600



FFFFB0



002F00



FFF9CC



001800



FFFFE9



000000



75AC25



75AC25



6EAC14



7CAC36

■ 67AC03

■ 83AC47

■ 66AC00

■ 8AAC59

■ 91AC6A

■ 98AC7B

■ 9FAC8C

■ A6AC9D

■ ADACAF

■ B4ACC0

Harmonies

Analogous

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



B59C00



75AC25



00B560

Triad

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



75AC25



00B1FF



FF5C99

Complementary

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



75AC25



5C25AC

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.



EC6CD6



75AC25



00A2FF

Square

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



75AC25



00B8DF



A489FF



FF695C

Rectangle

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



75AC25



00B88B



A489FF



FF5FAE

Sweetspot

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



75AC25



CAE0AB



AC5B25



637050



F0F0F0



707070

Same Dimension

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



75AC25



8AE00D



33AC25



53574E



599600



0E1700

Inverse Universe

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



5C25AC



630DE0



9F25AC



524E57



3D0096



090017

Previews

White Background



This preview shows how the Hex color 75AC25 looks on a white background.

Color Contrast Check

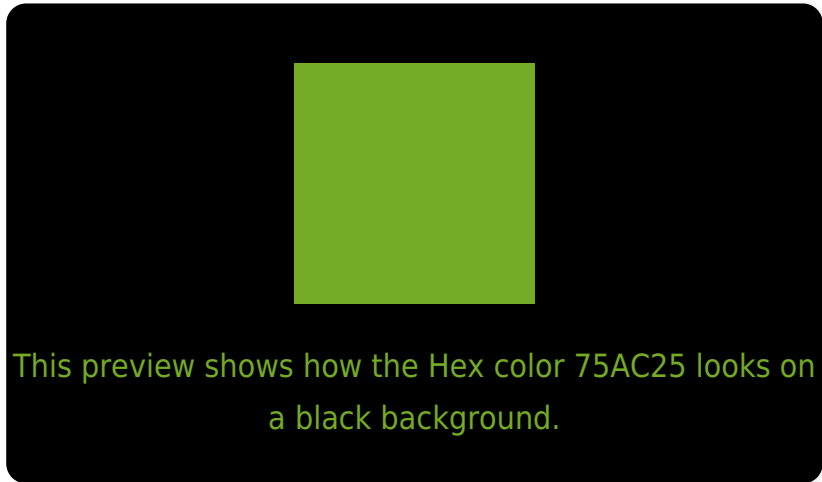
Large Text (above 18pt) WCAG AA × Fail

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 75AC25 Background



This preview shows how black text looks on a background with the Hex color 75AC25.

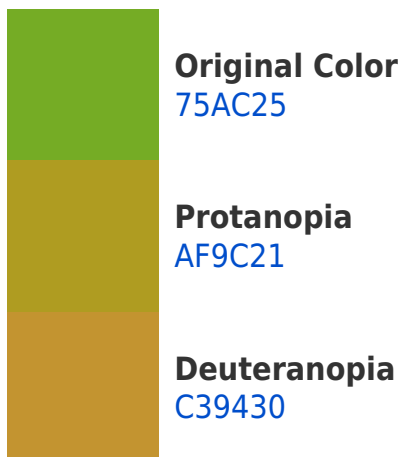


This preview shows how white text looks on a background with the Hex color 75AC25.

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](#).

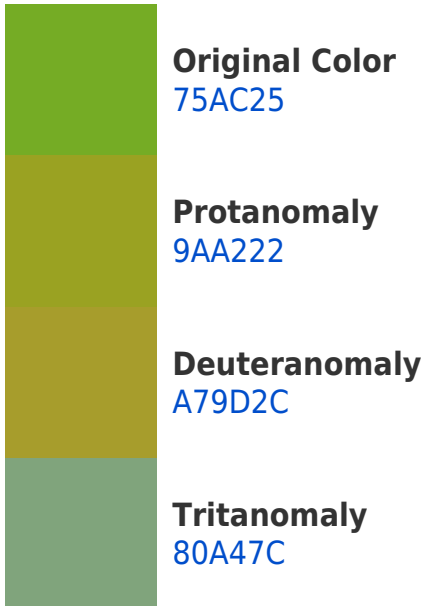
Dichromacy





Tritanopia
86A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75AC25 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 #75AC25 looks like.

```
.text, #text, p{  
    color:#75AC25  
}
```

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 #75AC25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AC25
}
```

Border

The CSS property to change the border of an element to Hex 75AC25 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
#75AC25 }
```

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

```
.border{ border-color:#75AC25 }
```

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

Here you see how a box with a 4 pixel #75AC25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AC25; -webkit-box-shadow:4px 4px  
4px 4px #75AC25; box-shadow:4px 4px 4px  
4px #75AC25 }
```

Background

The CSS property to change the background color of an element to Hex 75AC25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AC25 }
```

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

```
.background{ background-color:#75AC25 }
```

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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