

Converting Colors

Hex(75A127)

Have a look what the booklet for
Hex(75A127) contains.

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Color

Hex(75A127)

Conversions

Conversions Part 1

Format	Color
Hex	75A127
RGB	117, 161, 39
RGB Percent	46%, 63%, 15%
CMY	0.5412, 0.3686, 0.8471
CMYK	0.27, 0.00, 0.76, 0.37
HSL	82°, 61%, 39%
HSV	82°, 76%, 63%
XYZ	20.4472, 29.4181, 6.5200
YIQ	133.9360, 12.9380, -47.2700

Conversions

Conversions Part 2

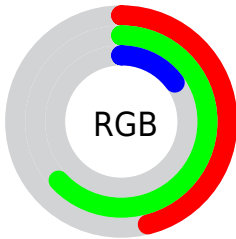
Format	Color
RYB	39, 161, 83
Decimal	7708967
CIELab	61.15, -32.94, 54.77
CIElCh	61, 63.914, 121.026
Yxy	29.4181, 0.3626, 0.5217
Android (android.graphics.Color)	4285899047 (0xFF75A127)
YUV	133.9360, -46.8034, -14.8529
Hunter-Lab	54.2385, -27.6252, 30.8396

Details

The Hex color **75A127** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5327A1**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **ACD85D**, and **3F6D00** is the 20% darker color. If you saturate the color by 10%, you get **6FA117**, and if you desaturate by 10%, it is **7BA137**.

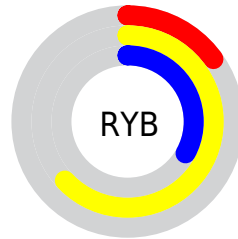
Distribution



Red (46%)

Green (63%)

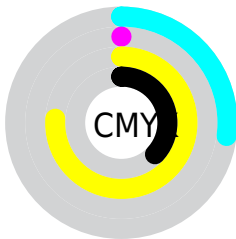
Blue (15%)



Red (15%)

Yellow (63%)

Blue (33%)

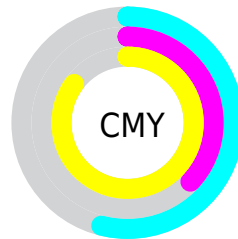


Cyan (27%)

Magenta (0%)

Yellow (76%)

Black (37%)



Cyan (54%)

Magenta (37%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75A127 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 75A127 by changing the saturation by 10% instead.



75A127



75A127

FFFFFF



5A8701



ACD85D



3F6D00



C9F578



255400



E6FF93



013D00



FFFFAF



002700



FFFFCB



000800



FFFFE8



000000



75A127



75A127



6FA117



7BA137

■ 69A107

■ 81A147

■ 67A100

■ 86A157

■ 8CA167

■ 92A178

■ 98A188

■ 9EA198

■ A3A1A8

■ A9A1B8

Harmonies

Analogous

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



AE920A



75A127



00AA5A

Triad

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



75A127



00A7F6



F75B94

Complementary

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



75A127



5327A1

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.



D96ACB



75A127



009AFF

Square

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



75A127



00ADCC



9584F5



F5655D

Rectangle

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



75A127



00AD80



9584F5



F15EA7

Sweetspot

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



75A127



C0D1A1



A15227



5E694B



E8E8E8



696969

Same Dimension

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



75A127



8CD113



39A127



4F5249



5D9100



0B1200

Inverse Universe

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



5327A1



5713D1



8F27A1



4C4952



340091



060012

Previews

White Background



This preview shows how the Hex color 75A127 looks on a white background.

Color Contrast Check

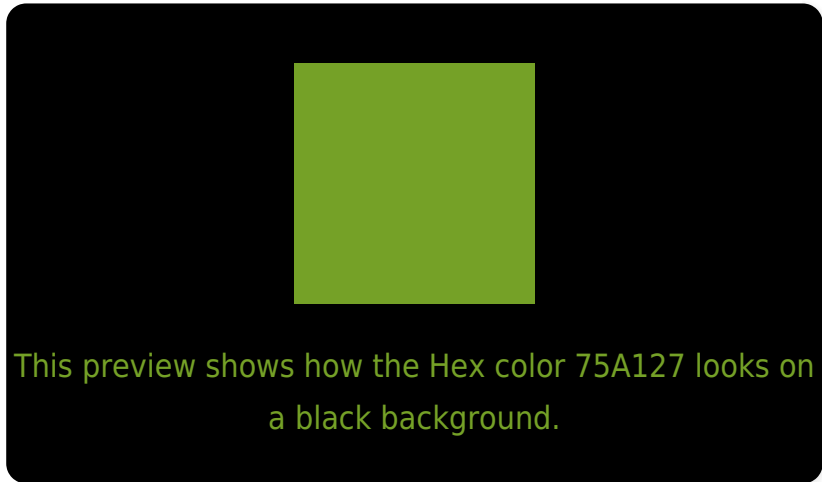
Large Text (above 18pt) WCAG AA ✓ Pass

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 75A127 Background



This preview shows how black text looks on a background with the Hex color 75A127.



This preview shows how white text looks on a background with the Hex color 75A127.

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



Original Color
75A127

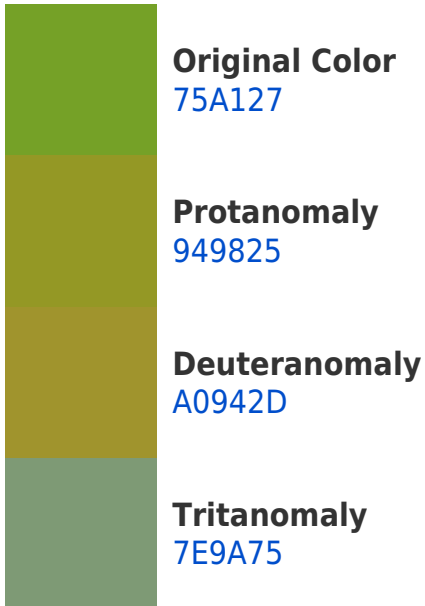
Protanopia
A59324

Deuteranopia
B88C30

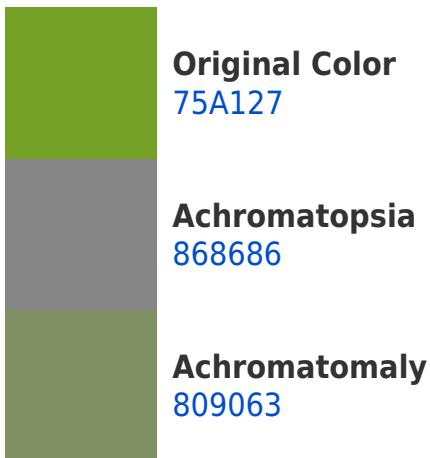


Tritanopia
8396A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75A127 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 #75A127 looks like.

```
.text, #text, p{  
    color:#75A127  
}
```

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 #75A127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A127  
}
```

Border

The CSS property to change the border of an element to Hex 75A127 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  
#75A127 }
```

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

```
.border{ border-color:#75A127 }
```

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

Here you see how a box with a 4 pixel #75A127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A127; -webkit-box-shadow:4px 4px  
4px 4px #75A127; box-shadow:4px 4px 4px  
4px #75A127 }
```

Background

The CSS property to change the background color of an element to Hex 75A127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A127 }
```

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

```
.background{ background-color:#75A127 }
```

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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