

# Converting Colors

Hex(76A955)

Have a look what the booklet for  
Hex(76A955) contains.

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# **Color**

**Hex(76A955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76A955
RGB	118, 169, 85
RGB Percent	46%, 66%, 33%
CMY	0.5373, 0.3373, 0.6667
CMYK	0.30, 0.00, 0.50, 0.34
HSL	96°, 33%, 50%
HSV	96°, 50%, 66%
XYZ	23.2989, 32.8834, 13.7135
YIQ	144.1750, -3.4320, -36.9360

# Conversions

## Conversions Part 2

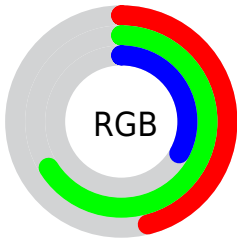
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">85, 169, 136</a>
Decimal	<a href="#">7776597</a>
CIELab	<a href="#">64.07, -32.19, 37.79</a>
CIELCh	<a href="#">64, 49.646, 130.424</a>
Yxy	<a href="#">32.8834, 0.3333, 0.4705</a>
Android (android.graphics.Color)	<a href="#">4285966677 (0xFF76A955)</a>
YUV	<a href="#">144.1750, -29.1733, -22.9555</a>
Hunter-Lab	<a href="#">57.3440, -27.8275, 25.9620</a>

# Details

The Hex color **76A955** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8855A9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ACE188**, and **427424** is the 20% darker color. If you saturate the color by 10%, you get **6CA944**, and if you desaturate by 10%, it is **80A966**.

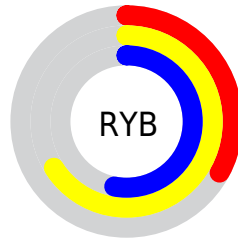
# Distribution



Red (46%)

Green (66%)

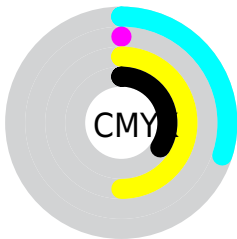
Blue (33%)



Red (33%)

Yellow (66%)

Blue (53%)

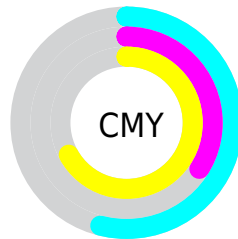


Cyan (30%)

Magenta (0%)

Yellow (50%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76A955 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 76A955 by changing the saturation by 10% instead.





76A955



76A955

FFFFFF



5C8E3C



ACE188



427424



C8FDA3



285C09



E5FFBF



0C4400



FFFFDB



002D00



FFFFF8



001700



000000



76A955



76A955



6CA944



80A966

■ 61A933

■ 8BA977

■ 57A922

■ 95A988

■ 4DA911

■ 9FA999

■ 43A901

■ A9A9A9

■ 42A900

■ B4A9BA

■ BEA9CB

■ C8A9DC

■ D2A9ED

# Harmonies

## Analogous

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



A69E40



76A955



2EAF7C

# Triad

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



76A955



00A8EE



EE758D

# Complementary

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



76A955



8855A9

# 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.



DD7ABA



76A955



6B9BF2

# Square

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



76A955



00AFD4



B389DF



E77E64

# Rectangle

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



76A955



00B19A



B389DF



EB759C



# Sweetspot

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



76A955



C7DBBA



A98755



626E5A



EDEDED



6E6E6E



# Same Dimension

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



76A955



8BDB58



55A95D



4F544C



3A9400



081400



# Inverse Universe

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



8855A9



A858DB



A955A1



514C54



5A0094



0C0014



# Previews

## White Background



This preview shows how the Hex color 76A955 looks on a white background.

## Color Contrast Check

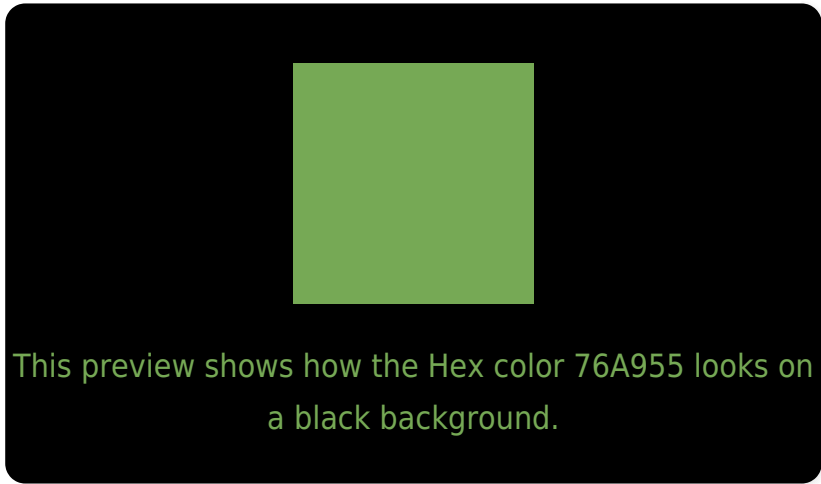
Large Text (above 18pt) WCAG AA × Fail

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 76A955 Background



This preview shows how black text looks on a background with the Hex color 76A955.

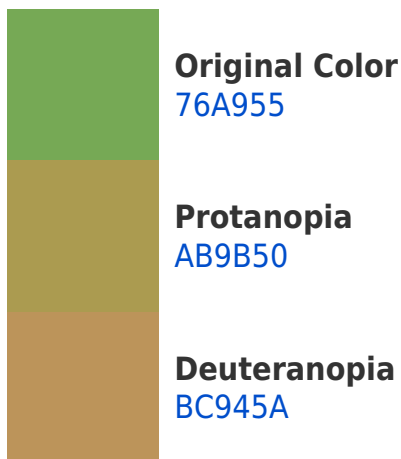


This preview shows how white text looks on a background with the Hex color 76A955.

# Color Blindness Simulation

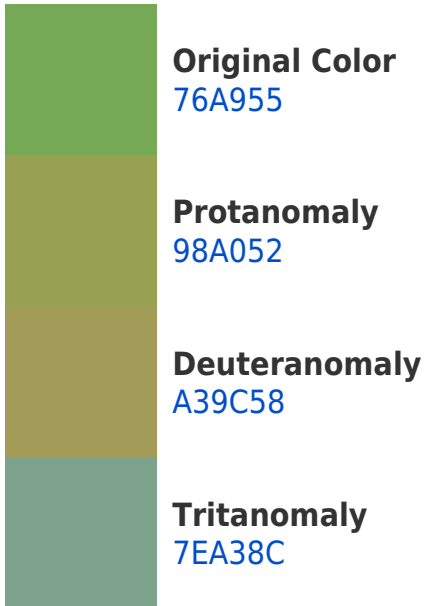
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

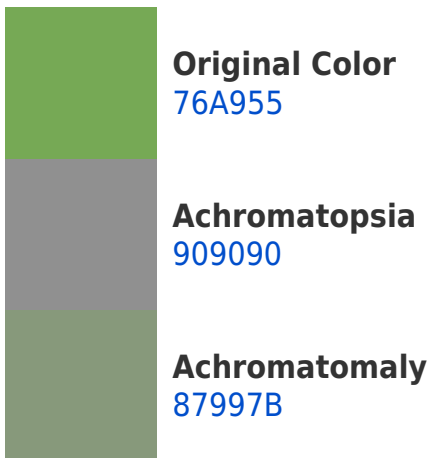




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76A955 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 #76A955 looks like.

```
.text, #text, p{  
    color:#76A955  
}
```

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 #76A955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A955  
}
```

## Border

The CSS property to change the border of an element to Hex 76A955 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  
#76A955 }
```

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

```
.border{ border-color:#76A955 }
```

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

Here you see how a box with a 4 pixel #76A955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A955; -webkit-box-shadow:4px 4px  
4px 4px #76A955; box-shadow:4px 4px 4px  
4px #76A955 }
```

# Background

The CSS property to change the background color of an element to Hex 76A955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A955 }
```

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

```
.background{ background-color:#76A955 }
```

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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