

# Converting Colors

Hex(779533)

Have a look what the booklet for  
Hex(779533) contains.

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**Color**

**Hex(779533)**

# Conversions

## Conversions Part 1

Format	Color
Hex	779533
RGB	119, 149, 51
RGB Percent	47%, 58%, 20%
CMY	0.5333, 0.4157, 0.8000
CMYK	0.20, 0.00, 0.66, 0.42
HSL	78°, 49%, 39%
HSV	78°, 66%, 58%
XYZ	18.9527, 25.6558, 7.0851
YIQ	128.8580, 13.5780, -36.8380

# Conversions

## Conversions Part 2

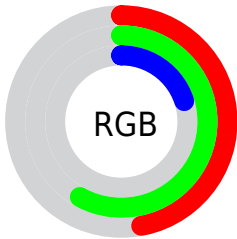
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 149, 81
Decimal	7836979
CIELab	57.71, -25.60, 46.64
CIELCh	58, 53.204, 118.761
Yxy	25.6558, 0.3666, 0.4963
Android (android.graphics.Color)	4286027059 (0xFF779533)
YUV	128.8580, -38.3840, -8.6455
Hunter-Lab	50.6516, -21.8495, 27.1627

# Details

The Hex color **779533** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **513395**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AECB66**, and **436200** is the 20% darker color. If you saturate the color by 10%, you get **729524**, and if you desaturate by 10%, it is **7C9542**.

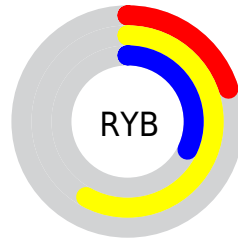
# Distribution



Red (47%)

Green (58%)

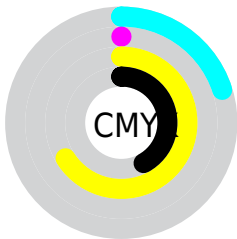
Blue (20%)



Red (20%)

Yellow (58%)

Blue (32%)

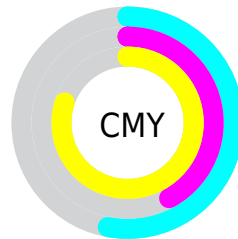


Cyan (20%)

Magenta (0%)

Yellow (66%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 779533 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 779533 by changing the saturation by 10% instead.



 779533

 779533

FFFFFF

 5D7B18

 AECB66

 436200

 CAE781

 2B4A00

 E7FF9C

 0E3300

 FFFFB7

 002000

 FFFFD3

 000000

 FFFFF0

 779533

 779533

 729524

 7C9542

■ 6E9515

■ 809551

■ 699506

■ 859560

■ 679500

■ 89956F

■ 8E957E

■ 92958C

■ 97959B

■ 9B95AA

■ A095B9

# Harmonies

## Analogous

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



A58826



779533



359D58

# Triad

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



779533



009CD9



DD608F

# Complementary

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



779533



513395

# 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.



C16CBC



779533



0090E8

# Square

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



779533



00A1B6



887FDC



DD6561

# Rectangle

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



779533



00A077



887FDC



D7629E



# Sweetspot

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



779533



B6C29B



955033



5A614A



E0E0E0



616161



# Same Dimension

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



779533



93C229



479533



484A43



608A00



070A00



# Inverse Universe

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



513395



5829C2



813395



45434A



2A008A



03000A



# Previews

## White Background



This preview shows how the Hex color 779533 looks on a white background.

## Color Contrast Check

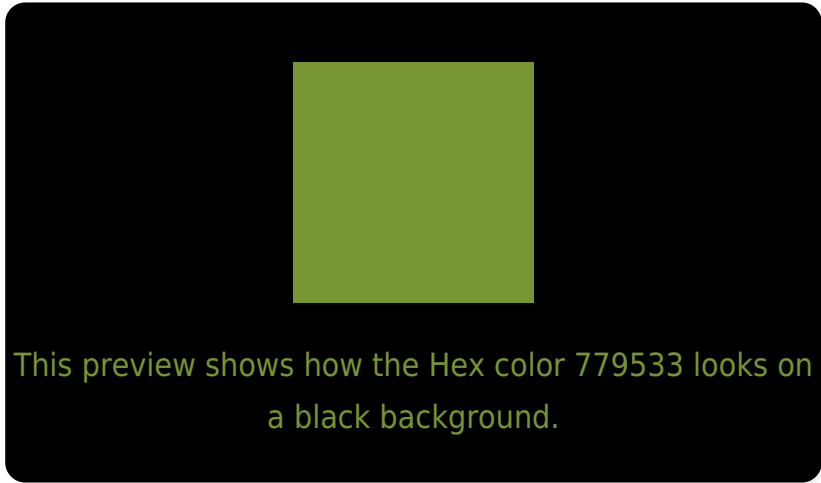
Large Text (above 18pt) WCAG AA ✓ Pass

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

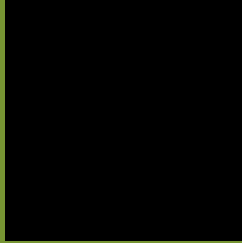
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 779533 Background



This preview shows how black text looks on a background with the Hex color 779533.



This preview shows how white text looks on a background with the Hex color 779533.

# 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**  
838B96

# Trichromacy



**Original Color**  
779533

**Protanomaly**  
8E8F31

**Deuteranomaly**  
998A37

**Tritanomaly**  
7F8F72

# Monochromacy



**Original Color**  
779533

**Achromatopsia**  
818181

**Achromatomaly**  
7D8865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 779533 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 #779533 looks like.

```
.text, #text, p{  
    color:#779533  
}
```

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 #779533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #779533
}
```

## Border

The CSS property to change the border of an element to Hex 779533 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
#779533 }
```

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

```
.border{ border-color:#779533 }
```

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

Here you see how a box with a 4 pixel #779533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #779533; -webkit-box-shadow:4px 4px  
4px 4px #779533; box-shadow:4px 4px 4px  
4px #779533 }
```

# Background

The CSS property to change the background color of an element to Hex 779533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#779533 }
```

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

```
.background{ background-color:#779533 }
```

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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