

Converting Colors

Hex(799339)

Have a look what the booklet for
Hex(799339) contains.

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Color

Hex(799339)

Conversions

Conversions Part 1

Format	Color
Hex	799339
RGB	121, 147, 57
RGB Percent	47%, 58%, 22%
CMY	0.5255, 0.4235, 0.7765
CMYK	0.18, 0.00, 0.61, 0.42
HSL	77°, 44%, 40%
HSV	77°, 61%, 58%
XYZ	19.0574, 25.2278, 7.7359
YIQ	128.9660, 13.3940, -33.5020

Conversions

Conversions Part 2

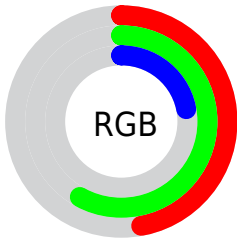
Format	Color
RYB	57, 147, 83
Decimal	7967545
CIELab	57.30, -23.29, 43.54
CIELCh	57, 49.375, 118.140
Yxy	25.2278, 0.3663, 0.4850
Android (android.graphics.Color)	4286157625 (0xFF799339)
YUV	128.9660, -35.4792, -6.9862
Hunter-Lab	50.2273, -20.1707, 26.0274

Details

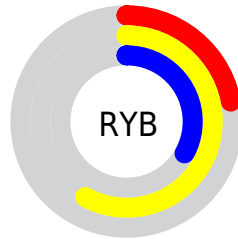
The Hex color **799339** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **533993**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AFC96C**, and **456001** is the 20% darker color. If you saturate the color by 10%, you get **75932A**, and if you desaturate by 10%, it is **7D9348**.

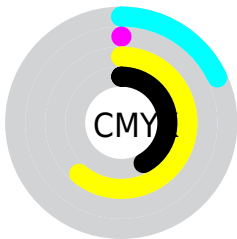
Distribution



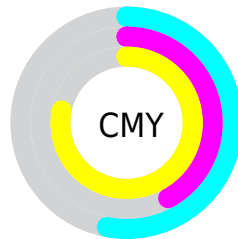
- Red (47%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (33%)



- Cyan (18%)
- Magenta (0%)
- Yellow (61%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 799339 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 799339 by changing the saturation by 10% instead.



799339



799339

FFFFFF



5F791F



AFC96C



456001



CBE586



2D4800



E8FFA1



133200



FFFFBC



001E00



FFFFD9



000000



FFFFF5



799339



799339



75932A



7D9348

71931C

819356

6C930D

869365

699300

8A9374

8E9383

929391

9793A0

9B93AF

9F93BD

Harmonies

Analogous

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



A4862E



799339



409B5A

Triad

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



799339



0099D2



D6638E

Complementary

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



799339



533993

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.



BC6EB8



799339



188FE0

Square

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



799339



009EB1



877FD6



D76863

Rectangle

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



799339



009E76



877FD6



D0669D

Sweetspot

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



799339



B5BF9D



935339



5B614C



E0E0E0



616161

Same Dimension

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



799339



97BF34



4D9339



484A43



628A00



070A00

Inverse Universe

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



533993



5C34BF



7F3993



45434A



28008A



03000A

Previews

White Background



This preview shows how the Hex color 799339 looks on a white background.

Color Contrast Check

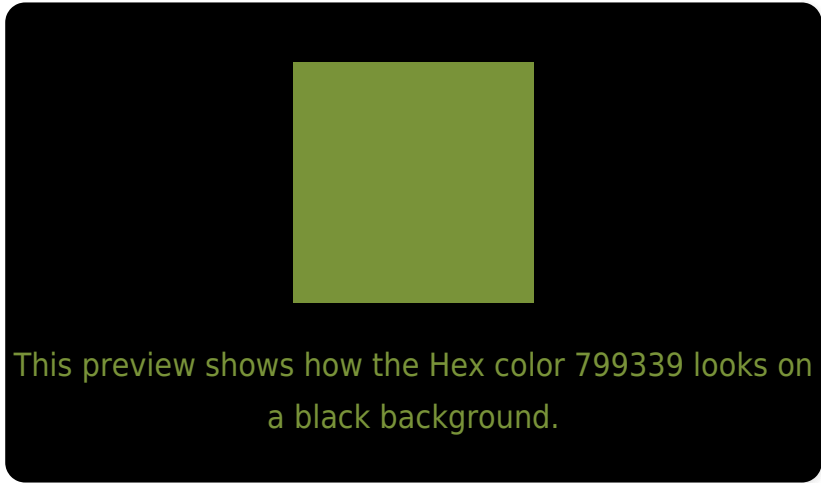
Large Text (above 18pt) WCAG AA ✓ Pass

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 799339 Background



This preview shows how black text looks on a background with the Hex color 799339.



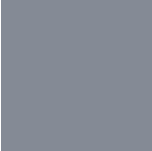
This preview shows how white text looks on a background with the Hex color 799339.

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
848A95

Trichromacy



Original Color
799339

Protanomaly
8D8D37

Deuteranomaly
98893C

Tritanomaly
808D74

Monochromacy



Original Color
799339

Achromatopsia
818181

Achromatomaly
7E8867

CSS Examples

Text

The CSS property to change the color of the text to Hex 799339 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 #799339 looks like.

```
.text, #text, p{  
    color:#799339  
}
```

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 #799339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799339
}
```

Border

The CSS property to change the border of an element to Hex 799339 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
#799339 }
```

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

```
.border{ border-color:#799339 }
```

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

Here you see how a box with a 4 pixel #799339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799339; -webkit-box-shadow:4px 4px  
4px 4px #799339; box-shadow:4px 4px 4px  
4px #799339 }
```

Background

The CSS property to change the background color of an element to Hex 799339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799339 }
```

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

```
.background{ background-color:#799339 }
```

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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