

Converting Colors

Hex(79933B)

Have a look what the booklet for
Hex(79933B) contains.

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Color

Hex(79933B)

Conversions

Conversions Part 1

Format	Color
Hex	79933B
RGB	121, 147, 59
RGB Percent	47%, 58%, 23%
CMY	0.5255, 0.4235, 0.7686
CMYK	0.18, 0.00, 0.60, 0.42
HSL	78°, 43%, 40%
HSV	78°, 60%, 58%
XYZ	19.1083, 25.2482, 8.0039
YIQ	129.1940, 12.7520, -32.8800

Conversions

Conversions Part 2

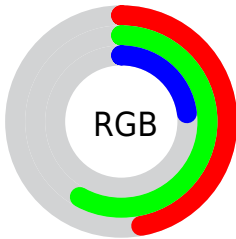
Format	Color
RYB	59, 147, 85
Decimal	7967547
CIELab	57.32, -23.11, 42.63
CIELCh	57, 48.489, 118.465
Yxy	25.2482, 0.3649, 0.4822
Android (android.graphics.Color)	4286157627 (0xFF79933B)
YUV	129.1940, -34.6056, -7.1861
Hunter-Lab	50.2475, -20.0526, 25.7290

Details

The Hex color **79933B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **553B93**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AFC96E**, and **456004** is the 20% darker color. If you saturate the color by 10%, you get **75932C**, and if you desaturate by 10%, it is **7D934A**.

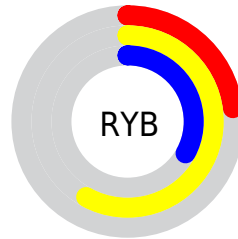
Distribution



Red (47%)

Green (58%)

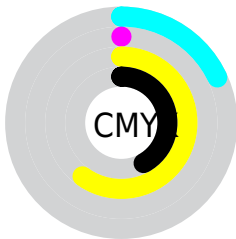
Blue (23%)



Red (23%)

Yellow (58%)

Blue (33%)

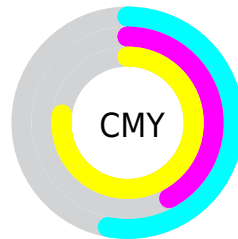


Cyan (18%)

Magenta (0%)

Yellow (60%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79933B 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 79933B by changing the saturation by 10% instead.



79933B



79933B

FFFFFF



5F7922



AFC96E



456004



CBE588



2D4800



E8FFA3



133200



FFFFBE



001E00



FFFFDB



000000



FFFFF7



79933B



79933B



75932C



7D934A

70931E

829358

6C930F

869367

689300

8A9376

8F9384

939393

9793A2

9C93B1

A093BF

Harmonies

Analogous

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



A38730



79933B



419B5B

Triad

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



79933B



0099D1



D5648E

Complementary

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



79933B



553B93

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.



BB6EB7



79933B



238FDE

Square

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



79933B



009EB1



887FD4



D66964

Rectangle

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



79933B



009E77



887FD4



CF669C

Sweetspot

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



79933B



B5BF9D



93543B



5B614C



E0E0E0



616161

Same Dimension

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



79933B



97BF36



4E933B



484A43



618A00



070A00

Inverse Universe

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



553B93



5E36BF



803B93



45434A



29008A



03000A

Previews

White Background



This preview shows how the Hex color 79933B looks on a white background.

Color Contrast Check

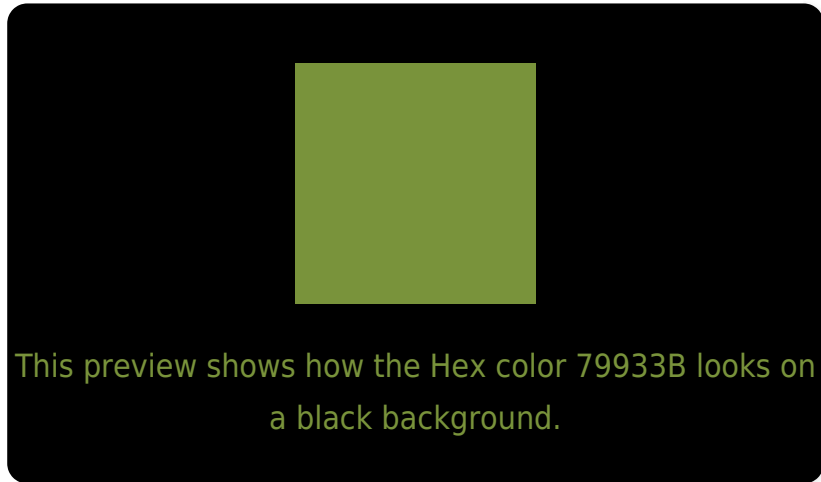
Large Text (above 18pt) WCAG AA ✓ Pass

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 79933B Background



This preview shows how black text looks on a background with the Hex color 79933B.

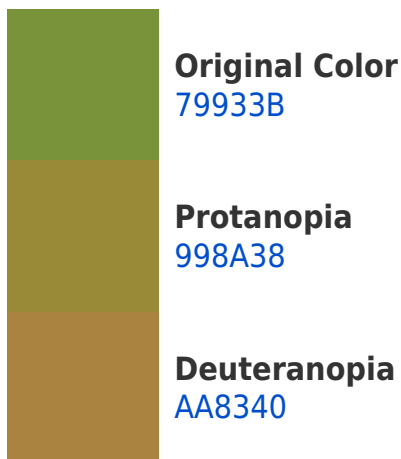


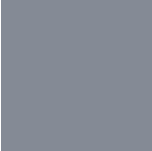
This preview shows how white text looks on a background with the Hex color 79933B.

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



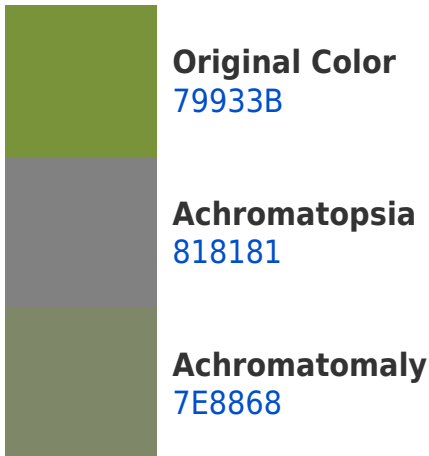


Tritanopia
848A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79933B 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 #79933B looks like.

```
.text, #text, p{  
    color:#79933B  
}
```

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 #79933B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79933B
}
```

Border

The CSS property to change the border of an element to Hex 79933B 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
#79933B }
```

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

```
.border{ border-color:#79933B }
```

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

Here you see how a box with a 4 pixel #79933B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79933B; -webkit-box-shadow:4px 4px  
4px 4px #79933B; box-shadow:4px 4px 4px  
4px #79933B }
```

Background

The CSS property to change the background color of an element to Hex 79933B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79933B }
```

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

```
.background{ background-color:#79933B }
```

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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