

# Converting Colors

Hex(75980B)

Have a look what the booklet for  
Hex(75980B) contains.

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**Color**

**Hex(75980B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75980B
RGB	117, 152, 11
RGB Percent	46%, 60%, 4%
CMY	0.5412, 0.4039, 0.9569
CMYK	0.23, 0.00, 0.93, 0.40
HSL	75°, 87%, 32%
HSV	75°, 93%, 60%
XYZ	18.6248, 26.2625, 4.4042
YIQ	125.4610, 24.4010, -51.2710

# Conversions

## Conversions Part 2

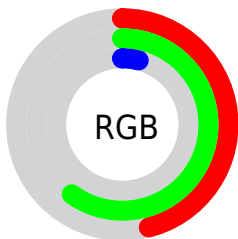
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 152, 46
Decimal	7706635
CIELab	58.29, -29.78, 59.42
CIELCh	58, 66.469, 116.617
Yxy	26.2625, 0.3778, 0.5328
Android (android.graphics.Color)	4285896715 (0xFF75980B)
YUV	125.4610, -56.4293, -7.4203
Hunter-Lab	51.2470, -24.8098, 30.7775

# Details

The Hex color **75980B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2E0B98**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ADCE4B**, and **3F6500** is the 20% darker color. If you saturate the color by 10%, you get **729800**, and if you desaturate by 10%, it is **79981A**.

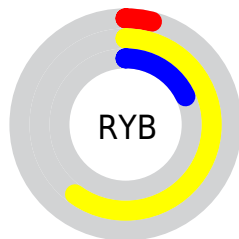
# Distribution



Red (46%)

Green (60%)

Blue (4%)



Red (4%)

Yellow (60%)

Blue (18%)

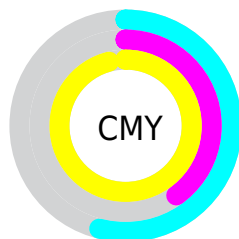


Cyan (23%)

Magenta (0%)

Yellow (93%)

Black (40%)



Cyan (54%)

Magenta (40%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75980B 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 75980B by changing the saturation by 10% instead.





75980B



75980B

FFFFFF



5A7E00



ADCE4B



3F6500



C9EB66



244D00



E7FF82



033600



FFFF9D



002200



FFFFB9



000000



FFFFD6



FFFFF3



75980B



75980B

■ 729800

■ 79981A

■ 7D9829

■ 809839

■ 849848

■ 889857

■ 8C9866

■ 8F9875

■ 939885

■ 979894

# Harmonies

## Analogous

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



AD8700



75980B



04A248

# Triad

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



75980B



00A2ED



EF5095

# Complementary

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



75980B



2E0B98

# 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.



CB64CD



75980B



0095FF

# Square

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



75980B



00A7BF



7D80F5



F1575C

# Rectangle

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



75980B



00A56F



7D80F5



E754A9



# Sweetspot

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



75980B



B7C48D



982C0B



5B6342



E3E3E3



636363



# Same Dimension

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



75980B



94C400



31980B



4B4D45



698C00



0A0D00



# Inverse Universe

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



2E0B98



3100C4



720B98



47454D



23008C



03000D



# Previews

## White Background



This preview shows how the Hex color 75980B looks on a white background.

## Color Contrast Check

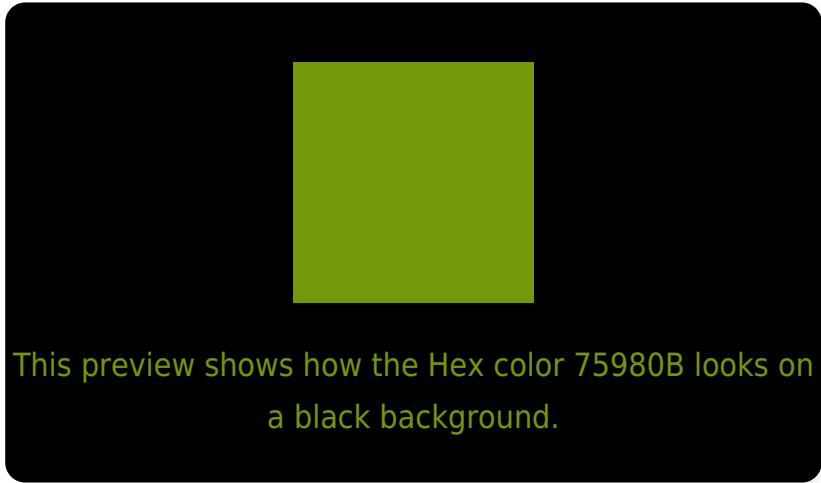
Large Text (above 18pt) WCAG AA ✓ Pass

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 75980B Background



This preview shows how black text looks on a background with the Hex color 75980B.



This preview shows how white text looks on a background with the Hex color 75980B.

# 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**  
828D99

# Trichromacy



**Original Color**  
75980B

**Protanomaly**  
8F9004

**Deuteranomaly**  
9B8C16

**Tritanomaly**  
7D9165

# Monochromacy



**Original Color**  
75980B

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7A8754

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75980B 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 #75980B looks like.

```
.text, #text, p{  
    color:#75980B  
}
```

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 #75980B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75980B
}
```

## Border

The CSS property to change the border of an element to Hex 75980B 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
#75980B }
```

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

```
.border{ border-color:#75980B }
```

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

Here you see how a box with a 4 pixel #75980B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75980B; -webkit-box-shadow:4px 4px  
4px 4px #75980B; box-shadow:4px 4px 4px  
4px #75980B }
```

# Background

The CSS property to change the background color of an element to Hex 75980B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75980B }
```

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

```
.background{ background-color:#75980B }
```

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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