

# Converting Colors

Hex(778925)

Have a look what the booklet for  
Hex(778925) contains.

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**Color**

**Hex(778925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	778925
RGB	119, 137, 37
RGB Percent	47%, 54%, 15%
CMY	0.5333, 0.4627, 0.8549
CMYK	0.13, 0.00, 0.73, 0.46
HSL	71°, 57%, 34%
HSV	71°, 73%, 54%
XYZ	16.8873, 21.9468, 5.0964
YIQ	120.2180, 21.3720, -34.9160

# Conversions

## Conversions Part 2

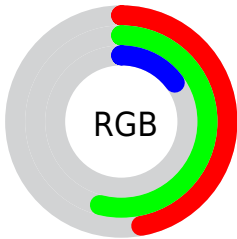
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 137, 55
Decimal	7833893
CIE Lab	53.97, -20.51, 48.56
CIE LCh	54, 52.715, 112.895
Yxy	21.9468, 0.3844, 0.4996
Android (android.graphics.Color)	4286023973 (0xFF778925)
YUV	120.2180, -41.0265, -1.0682
Hunter-Lab	46.8474, -17.6382, 26.3433

# Details

The Hex color **778925** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **372589**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AEBE59**, and **435700** is the 20% darker color. If you saturate the color by 10%, you get **758917**, and if you desaturate by 10%, it is **798933**.

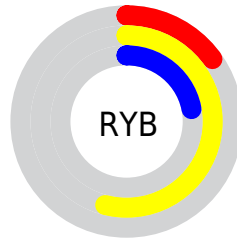
# Distribution



Red (47%)

Green (54%)

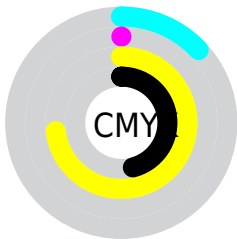
Blue (15%)



Red (15%)

Yellow (54%)

Blue (22%)

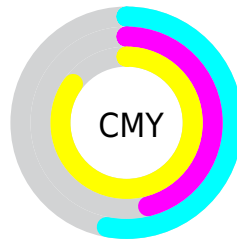


Cyan (13%)

Magenta (0%)

Yellow (73%)

Black (46%)



Cyan (53%)

Magenta (46%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778925 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 778925 by changing the saturation by 10% instead.





778925



778925

FFFFFF



5D7004



AEBE59



435700



CADA73



2A4000



E7F78E



102A00



FFFFA9



001600



FFFFC5



000000



FFFFE1

FFFFFFE



778925



778925

■ 758917

■ 798933

■ 72890A

■ 7C8940

■ 708900

■ 7E894E

■ 81895C

■ 83896A

■ 868977

■ 888985

■ 8B8993

■ 8D89A0

# Harmonies

## Analogous

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



A27B1F



778925



3D9247

# Triad

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



778925



0093C9



CE588E

# Complementary

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



778925



372589

# 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.



AE66B8



778925



0089DB

# Square

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



778925



0097A3



6E79D5



D35960

# Rectangle

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



778925



009565



6E79D5



C65B9D



# Sweetspot

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



778925



ABB38B



893625



555942



D9D9D9



595959



# Same Dimension

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



778925



96B315



468925



44453E



6D8500



040500



# Inverse Universe

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



372589



3215B3



682589



3F3E45



180085



010005



# Previews

## White Background



This preview shows how the Hex color 778925 looks on a white background.

## Color Contrast Check

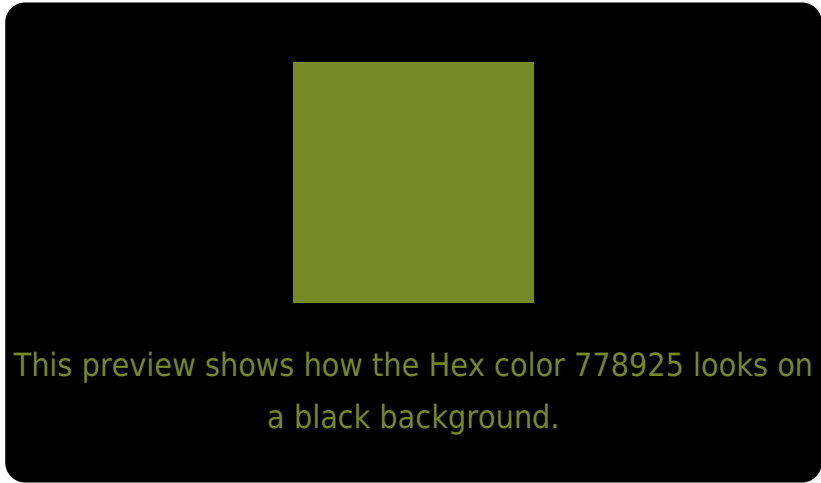
Large Text (above 18pt) WCAG AA ✓ Pass

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

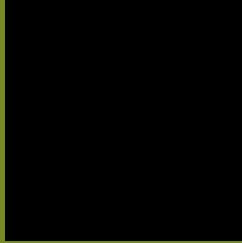
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 778925 Background



This preview shows how black text looks on a background with the Hex color 778925.



This preview shows how white text looks on a background with the Hex color 778925.

# 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



**Original Color**  
778925

**Protanopia**  
918123

**Deuteranopia**  
A17A2B



**Tritanopia**  
81808A

# Trichromacy



**Original Color**  
778925

**Protanomaly**  
888424

**Deuteranomaly**  
927F29

**Tritanomaly**  
7D8365

# Monochromacy



**Original Color**  
778925

**Achromatopsia**  
787878

**Achromatomaly**  
787E5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778925 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 #778925 looks like.

```
.text, #text, p{  
    color:#778925  
}
```

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 #778925 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778925
}
```

## Border

The CSS property to change the border of an element to Hex 778925 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
#778925 }
```

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

```
.border{ border-color:#778925 }
```

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

Here you see how a box with a 4 pixel #778925 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778925; -webkit-box-shadow:4px 4px  
4px 4px #778925; box-shadow:4px 4px 4px  
4px #778925 }
```

# Background

The CSS property to change the background color of an element to Hex 778925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778925 }
```

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

```
.background{ background-color:#778925 }
```

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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