

# Converting Colors

Hex(778A25)

Have a look what the booklet for  
Hex(778A25) contains.

<b>Hex(778A25)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(778A25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	778A25
RGB	119, 138, 37
RGB Percent	47%, 54%, 15%
CMY	0.5333, 0.4588, 0.8549
CMYK	0.14, 0.00, 0.73, 0.46
HSL	71°, 58%, 34%
HSV	71°, 73%, 54%
XYZ	17.0302, 22.2325, 5.1440
YIQ	120.8050, 21.0970, -35.4390

# Conversions

## Conversions Part 2

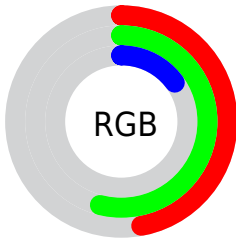
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 138, 56
Decimal	7834149
CIELab	54.27, -21.02, 48.86
CIELCh	54, 53.189, 113.279
Yxy	22.2325, 0.3835, 0.5007
Android (android.graphics.Color)	4286024229 (0xFF778A25)
YUV	120.8050, -41.3159, -1.5830
Hunter-Lab	47.1513, -18.0440, 26.5377

# Details

The Hex color **778A25** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **38258A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AEBF59**, and **435800** is the 20% darker color. If you saturate the color by 10%, you get **748A17**, and if you desaturate by 10%, it is **7A8A33**.

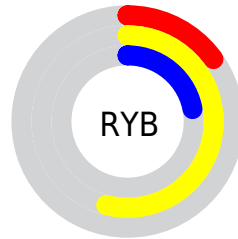
# Distribution



Red (47%)

Green (54%)

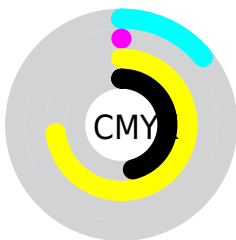
Blue (15%)



Red (15%)

Yellow (54%)

Blue (22%)

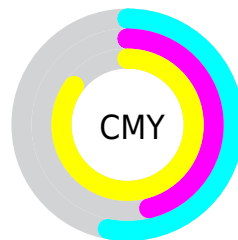


Cyan (14%)

Magenta (0%)

Yellow (73%)

Black (46%)



Cyan (53%)

Magenta (46%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778A25 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 778A25 by changing the saturation by 10% instead.



■ 778A25

■ 778A25

FFFFFF

■ 5D7104

■ AEBF59

■ 435800

■ CADB73

■ 2A4100

■ E7F88E

■ 102B00

■ FFFFA9

■ 001800

■ FFFFC5

■ 000000

■ FFFFE2

■ 778A25

■ 778A25

■ 748A17

■ 7A8A33

■ 728A09

■ 7C8A41

■ 708A00

■ 7F8A4E

■ 818A5C

■ 848A6A

■ 878A78

■ 898A86

■ 8C8A93

■ 8E8AA1

# Harmonies

## Analogous

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



A37C1E



778A25



3B9348

# Triad

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



778A25



0094CB



CF588E

# Complementary

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



778A25



38258A

# 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.



B066B9



778A25



008ADD

# Square

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



778A25



0098A5



707AD7



D55A60

# Rectangle

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



778A25



009666



707AD7



C85B9D



# Sweetspot

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



778A25



ABB38B



8A3825



555942



D9D9D9



595959



# Same Dimension

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



778A25



95B315



458A25



44453E



6C8500



040500



# Inverse Universe

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



38258A



3315B3



6A258A



3F3E45



190085



010005



# Previews

## White Background



This preview shows how the Hex color 778A25 looks on a white background.

## Color Contrast Check

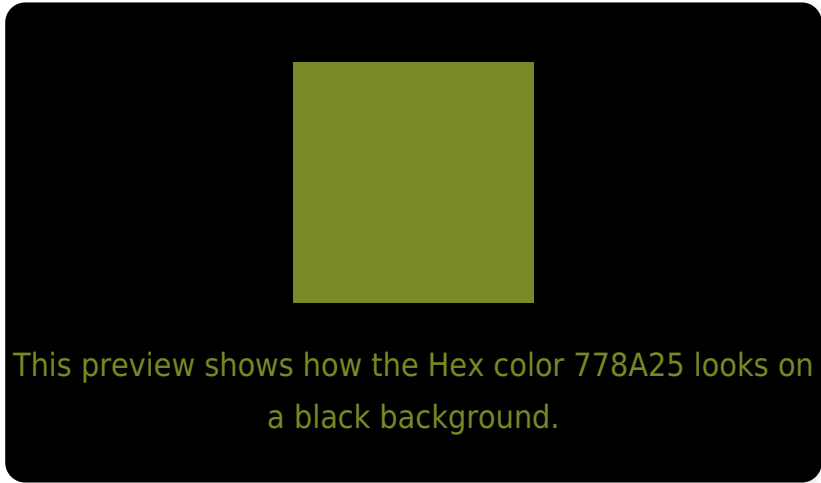
Large Text (above 18pt) WCAG AA ✓ Pass

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 778A25 Background



This preview shows how black text looks on a background with the Hex color 778A25.



This preview shows how white text looks on a background with the Hex color 778A25.

# 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**  
778A25

**Protanopia**  
918223

**Deuteranopia**  
A27B2B



**Tritanopia**  
81818B

# Trichromacy



**Original Color**  
778A25

**Protanomaly**  
888524

**Deuteranomaly**  
928029

**Tritanomaly**  
7D8466

# Monochromacy



**Original Color**  
778A25

**Achromatopsia**  
797979

**Achromatomaly**  
787F5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778A25 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 #778A25 looks like.

```
.text, #text, p{  
    color:#778A25  
}
```

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 #778A25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778A25
}
```

## Border

The CSS property to change the border of an element to Hex 778A25 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
#778A25 }
```

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

```
.border{ border-color:#778A25 }
```

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

Here you see how a box with a 4 pixel #778A25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778A25; -webkit-box-shadow:4px 4px  
4px 4px #778A25; box-shadow:4px 4px 4px  
4px #778A25 }
```

# Background

The CSS property to change the background color of an element to Hex 778A25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778A25 }
```

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

```
.background{ background-color:#778A25 }
```

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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