

# Converting Colors

Hex(44772D)

Have a look what the booklet for  
Hex(44772D) contains.

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**Color**

**Hex(44772D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44772D
RGB	68, 119, 45
RGB Percent	27%, 47%, 18%
CMY	0.7333, 0.5333, 0.8235
CMYK	0.43, 0.00, 0.62, 0.53
HSL	101°, 45%, 32%
HSV	101°, 62%, 47%
XYZ	9.4544, 14.6121, 4.8047
YIQ	95.3150, -6.6420, -33.8260

# Conversions

## Conversions Part 2

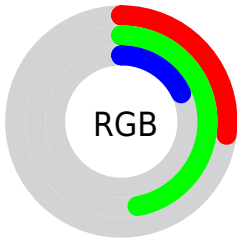
Format	Color
R <sub>Y</sub> B	45, 119, 96
Decimal	4486957
CIE Lab	45.10, -31.69, 34.67
CIE LCh	45, 46.965, 132.427
Yxy	14.6121, 0.3275, 0.5061
Android (android.graphics.Color)	4282677037 (0xFF44772D)
YUV	95.3150, -24.8053, -23.9553
Hunter-Lab	38.2257, -22.7466, 19.3056

# Details

The Hex color **44772D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **602D77**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **78AC5E**, and **0E4600** is the 20% darker color. If you saturate the color by 10%, you get **3C7721**, and if you desaturate by 10%, it is **4C7739**.

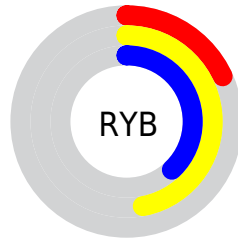
# Distribution



Red (27%)

Green (47%)

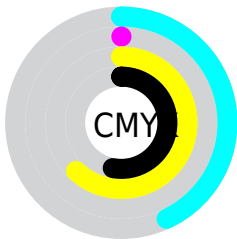
Blue (18%)



Red (18%)

Yellow (47%)

Blue (38%)

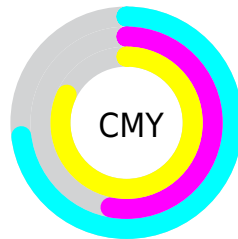


Cyan (43%)

Magenta (0%)

Yellow (62%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44772D 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 44772D by changing the saturation by 10% instead.





44772D



44772D

FFFFFF



2A5E15



78AC5E



0E4600



93C777



002F00



AEE391



001A00



CAFFAC



000000



E7FFC8



FFFEE4



44772D



44772D



3C7721



4C7739

■ 347715

■ 547745

■ 2B7709

■ 5D7751

■ 257700

■ 65775D

■ 6D7769

■ 757774

■ 7D7780

■ 86778C

■ 8E7798

# Harmonies

## Analogous

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



706E15



44772D



007C52

# Triad

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



44772D



0075B5



B2465C

# Complementary

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



44772D



602D77

# 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.



A64A83



44772D



3C6AB7

# Square

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



44772D



007C9F



8259A5



AA5138

# Rectangle

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



44772D



007D6D



8259A5



B04569



# Sweetspot

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



44772D



879C7E



77602D



434F3D



CFCFCF



4F4F4F



# Same Dimension

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



44772D



4B9C27



2D773B



373B35



267A00



4EFA00



# Inverse Universe

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



602D77



77279C



772D69



39353B



54007A



AC00FA



# Previews

## White Background



This preview shows how the Hex color 44772D looks on a white background.

## Color Contrast Check

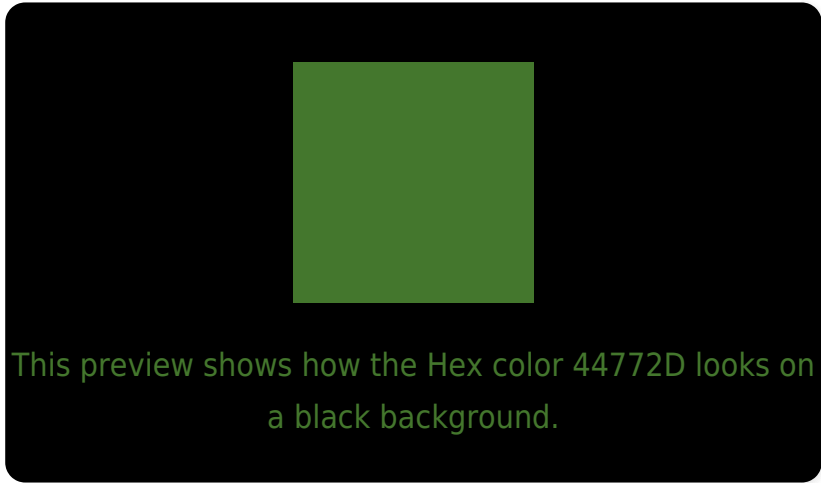
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

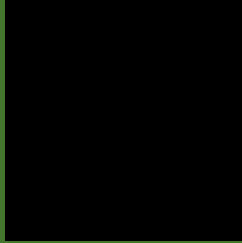
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 44772D Background



This preview shows how black text looks on a background with the Hex color 44772D.



This preview shows how white text looks on a background with the Hex color 44772D.

# 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**  
44772D

**Protanopia**  
776A29

**Deuteranopia**  
836532



**Tritanopia**  
516F78

# Trichromacy



**Original Color**  
44772D

**Protanomaly**  
646F2A

**Deuteranomaly**  
6C6C30

**Tritanomaly**  
4C725D

# Monochromacy



**Original Color**  
44772D

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
55684D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44772D 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 #44772D looks like.

```
.text, #text, p{  
    color:#44772D  
}
```

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 #44772D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44772D
}
```

## Border

The CSS property to change the border of an element to Hex 44772D 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".

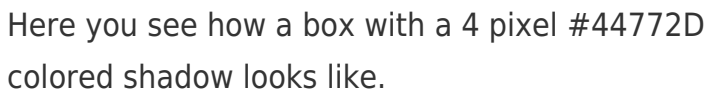
```
.border, #border, table{ border:4px solid
#44772D }
```

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

```
.border{ border-color:#44772D }
```

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

Here you see how a box with a 4 pixel #44772D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44772D; -webkit-box-shadow:4px 4px  
4px 4px #44772D; box-shadow:4px 4px 4px  
4px #44772D }
```

# Background

The CSS property to change the background color of an element to Hex 44772D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44772D }
```

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

```
.background{ background-color:#44772D }
```

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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