

# Converting Colors

Hex(41751A)

Have a look what the booklet for  
Hex(41751A) contains.

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**Color**

**Hex(41751A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	41751A
RGB	65, 117, 26
RGB Percent	25%, 46%, 10%
CMY	0.7451, 0.5412, 0.8980
CMYK	0.44, 0.00, 0.78, 0.54
HSL	94°, 64%, 28%
HSV	94°, 78%, 46%
XYZ	8.7277, 13.9210, 3.2043
YIQ	91.0780, -1.7810, -39.3250

# Conversions

## Conversions Part 2

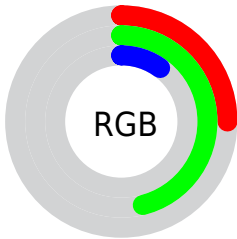
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 117, 78
Decimal	4289818
CIE <sub>Lab</sub>	44.12, -33.56, 41.91
CIE <sub>LCh</sub>	44, 53.688, 128.689
Yxy	13.9210, 0.3376, 0.5385
Android (android.graphics.Color)	4282479898 (0xFF41751A)
YUV	91.0780, -32.0835, -22.8704
Hunter-Lab	37.3108, -23.5394, 21.0257

# Details

The Hex color **41751A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4E1A75**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **76AA4D**, and **0A4400** is the 20% darker color. If you saturate the color by 10%, you get **3A750E**, and if you desaturate by 10%, it is **487526**.

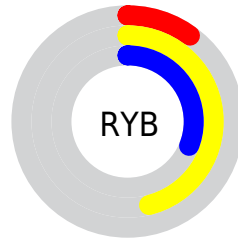
# Distribution



Red (25%)

Green (46%)

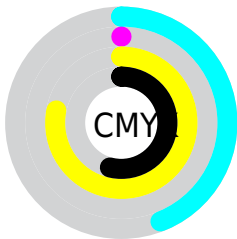
Blue (10%)



Red (10%)

Yellow (46%)

Blue (31%)

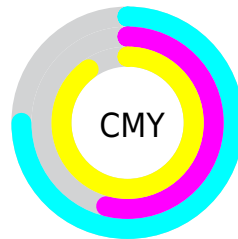


Cyan (44%)

Magenta (0%)

Yellow (78%)

Black (54%)



Cyan (75%)

Magenta (54%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41751A 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 41751A by changing the saturation by 10% instead.





41751A



41751A

FFFFFF



265C00



76AA4D



0A4400



91C566



002D00



ACE180



001700



C8FE9B



000000



E5FFB6



FFFFD2



FFFFEF



41751A



41751A

■ 3A750E

■ 487526

■ 347503

■ 4E7531

■ 327500

■ 55753D

■ 5C7549

■ 627555

■ 697560

■ 70756C

■ 767578

■ 7D7583

# Harmonies

## Analogous

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



726A00



41751A



007B46

# Triad

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



41751A



0076BB



B83A5D

# Complementary

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



41751A



4E1A75

# 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.



A7428A



41751A



0069C1

# Square

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



41751A



007C9F



7A56AE



B04633

# Rectangle

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



41751A



007C65



7A56AE



B53A6C



# Sweetspot

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



41751A



859976



754E1A



404D37



CCCCCC



4D4D4D



# Same Dimension

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



41751A



48990B



1A7520



373B35



347A00



6BFA00



# Inverse Universe

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



4E1A75



5C0B99



751A6F



38353B



46007A



8F00FA



# Previews

## White Background



This preview shows how the Hex color 41751A looks on a white background.

## Color Contrast Check

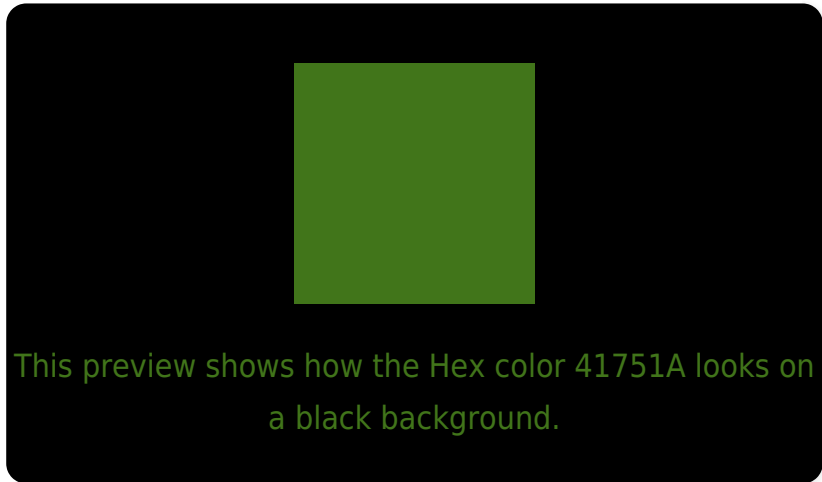
Large Text (above 18pt) WCAG AA ✓ Pass

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 41751A Background



This preview shows how black text looks on a background with the Hex color 41751A.



This preview shows how white text looks on a background with the Hex color 41751A.

# 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**  
41751A

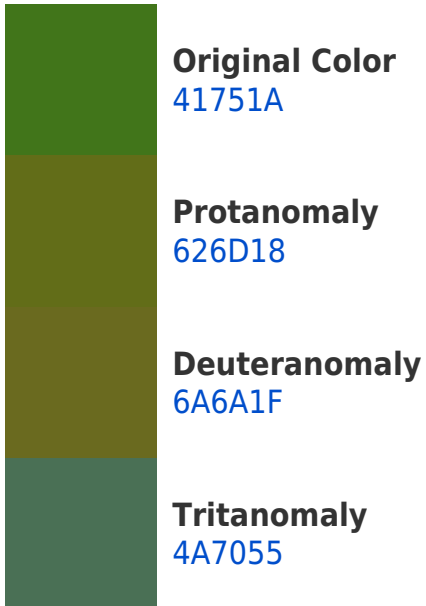
**Protanopia**  
756817

**Deuteranopia**  
826322



**Tritanopia**  
4F6D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41751A 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 #41751A looks like.

```
.text, #text, p{  
    color:#41751A  
}
```

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 #41751A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41751A
}
```

## Border

The CSS property to change the border of an element to Hex 41751A 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".

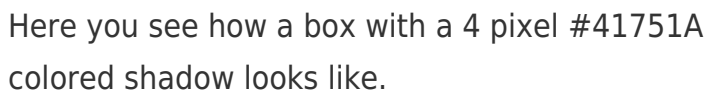
```
.border, #border, table{ border:4px solid
#41751A }
```

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

```
.border{ border-color:#41751A }
```

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

Here you see how a box with a 4 pixel #41751A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41751A; -webkit-box-shadow:4px 4px  
4px 4px #41751A; box-shadow:4px 4px 4px  
4px #41751A }
```

# Background

The CSS property to change the background color of an element to Hex 41751A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41751A }
```

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

```
.background{ background-color:#41751A }
```

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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