

# Converting Colors

Hex(72771A)

Have a look what the booklet for  
Hex(72771A) contains.

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**Color**

**Hex(72771A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72771A
RGB	114, 119, 26
RGB Percent	45%, 47%, 10%
CMY	0.5529, 0.5333, 0.8980
CMYK	0.04, 0.00, 0.78, 0.53
HSL	63°, 64%, 28%
HSV	63°, 78%, 47%
XYZ	13.7227, 16.8456, 3.5056
YIQ	106.9030, 26.8730, -29.9830

# Conversions

## Conversions Part 2

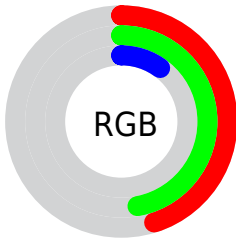
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 119, 31
Decimal	7501594
CIE <sub>Lab</sub>	48.06, -13.84, 46.83
CIE <sub>LCh</sub>	48, 48.834, 106.462
Yxy	16.8456, 0.4027, 0.4944
Android (android.graphics.Color)	4285691674 (0xFF72771A)
<b>YUV</b>	106.9030, -39.8852, 6.2241
Hunter-Lab	41.0434, -12.1453, 23.6664

# Details

The Hex color **72771A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1F1A77**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A8AB4E**, and **3F4700** is the 20% darker color. If you saturate the color by 10%, you get **71770E**, and if you desaturate by 10%, it is **737726**.

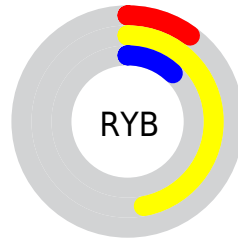
# Distribution



Red (45%)

Green (47%)

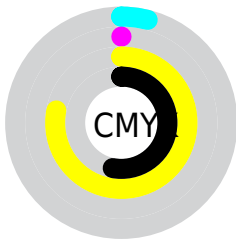
Blue (10%)



Red (10%)

Yellow (47%)

Blue (12%)

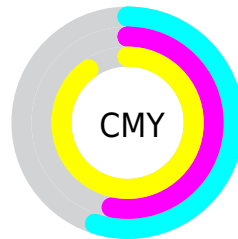


Cyan (4%)

Magenta (0%)

Yellow (78%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72771A 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 72771A by changing the saturation by 10% instead.





72771A



72771A

FFFFFF



585E00



A8AB4E



3F4700



C5C668



263100



E1E282



091C00



FFFF9D



000000



FFFFB8



FFFFD4



FFFFF1



72771A



72771A

■ 71770E

■ 737726

■ 717702

■ 737732

■ 717700

■ 74773E

■ 75774A

■ 757755

■ 767761

■ 76776D

■ 777779

■ 787785

# Harmonies

## Analogous

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



97691C



72771A



428036

# Triad

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



72771A



0083AD



B34E87

# Complementary

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



72771A



1F1A77

# 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.



915DAB



72771A



007CC2

# Square

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



72771A



008688



4F6FC1



BD4C5D

# Rectangle

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



72771A



00844F



4F6FC1



AB5294



# Sweetspot

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



72771A



9A9C78



771F1A



4E4F39



CFCFCF



4F4F4F



# Same Dimension

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



72771A



949C09



44771A



3A3B35



747A00



ECFA00



# Inverse Universe

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



1F1A77



11099C



4D1A77



35353B



07007A



0D00FA



# Previews

## White Background



This preview shows how the Hex color 72771A looks on a white background.

## Color Contrast Check

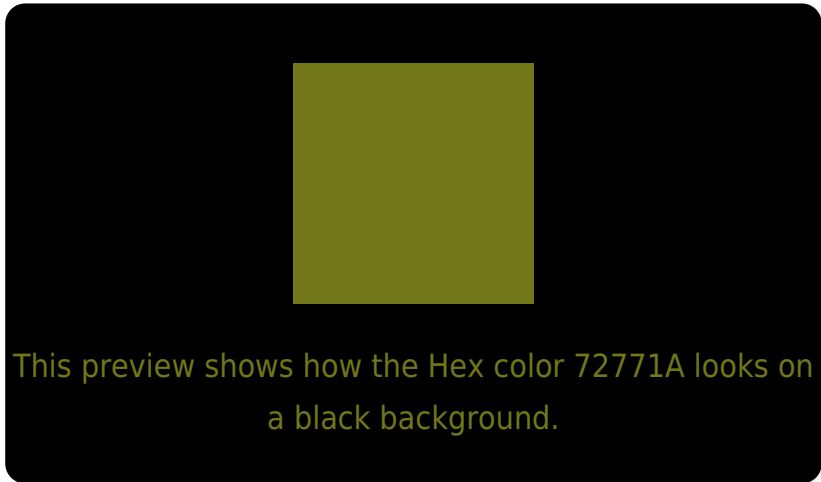
Large Text (above 18pt) WCAG AA ✓ Pass

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

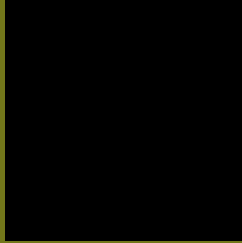
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 72771A Background



This preview shows how black text looks on a background with the Hex color 72771A.



This preview shows how white text looks on a background with the Hex color 72771A.

# 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**  
72771A

**Protanopia**  
807219

**Deuteranopia**  
8F6C1F



**Tritanopia**  
7A6F78

# Trichromacy



**Original Color**  
72771A

**Protanomaly**  
7B7419

**Deuteranomaly**  
84701D

**Tritanomaly**  
777256

# Monochromacy



**Original Color**  
72771A

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6E6F4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72771A 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 #72771A looks like.

```
.text, #text, p{  
    color:#72771A  
}
```

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 #72771A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72771A
}
```

## Border

The CSS property to change the border of an element to Hex 72771A 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
#72771A }
```

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

```
.border{ border-color:#72771A }
```

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

Here you see how a box with a 4 pixel #72771A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72771A; -webkit-box-shadow:4px 4px  
4px 4px #72771A; box-shadow:4px 4px 4px  
4px #72771A }
```

# Background

The CSS property to change the background color of an element to Hex 72771A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72771A }
```

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

```
.background{ background-color:#72771A }
```

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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