

# Converting Colors

Hex(74610A)

Have a look what the booklet for  
Hex(74610A) contains.

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**Color**

**Hex(74610A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74610A
RGB	116, 97, 10
RGB Percent	45%, 38%, 4%
CMY	0.5451, 0.6196, 0.9608
CMYK	0.00, 0.16, 0.91, 0.55
HSL	49°, 84%, 25%
HSV	49°, 91%, 45%
XYZ	11.5319, 12.2843, 2.0505
YIQ	92.7630, 39.2510, -23.0290

# Conversions

## Conversions Part 2

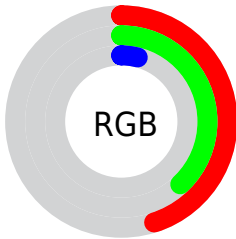
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 116, 10
Decimal	7627018
CIE Lab	41.66, -1.03, 46.21
CIE LCh	42, 46.223, 91.271
Yxy	12.2843, 0.4458, 0.4749
Android (android.graphics.Color)	4285817098 (0xFF74610A)
YUV	92.7630, -40.8022, 20.3788
Hunter-Lab	35.0490, -2.6050, 21.0656

# Details

The Hex color **74610A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0A1D74**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AB9340**, and **403300** is the 20% darker color. If you saturate the color by 10%, you get **745F00**, and if you desaturate by 10%, it is **746316**.

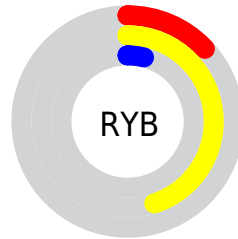
# Distribution



Red (45%)

Green (38%)

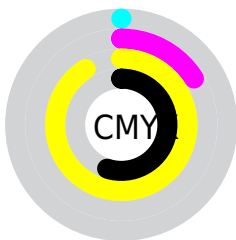
Blue (4%)



Red (13%)

Yellow (45%)

Blue (4%)

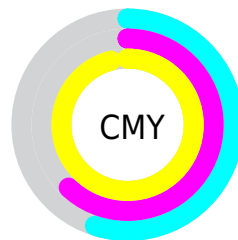


Cyan (0%)

Magenta (16%)

Yellow (91%)

Black (55%)



Cyan (55%)

Magenta (62%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74610A 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 74610A by changing the saturation by 10% instead.



 74610A

 74610A

FFFFFFE

 594900

 AB9340

 403300

 C8AE59

 271E00

 E5C973

 070700

 FFE58E

 000000

 FFFFA9

 FFFFC4

 FFFFE1

 74610A

 74610A

■ 745F00

■ 746316

■ 746521

■ 74672D

■ 746938

■ 746B44

■ 746D50

■ 74705B

■ 747267

■ 747472

# Harmonies

## Analogous

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



92521E



74610A



4E6B1B

# Triad

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



74610A



007489



914787

# Complementary

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



74610A



0A1D74

# 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.



6457A4



74610A



0070A5

# Square

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



74610A



007463



0066AE



A53D62

# Rectangle

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



74610A



2B7030



0066AE



854C92



# Sweetspot

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



74610A



968F6E



740A1D



4D4834



CCCCCC



4D4D4D



# Same Dimension

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



74610A



967B00



52740A



3B3A35



7A6400



FACD00



# Inverse Universe

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



0A1D74



001B96



2C0A74



35363B



00167A

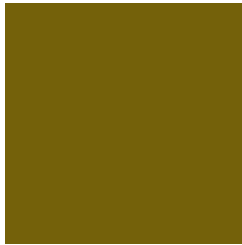


002DFA



# Previews

## White Background



This preview shows how the Hex color 74610A 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 74610A Background



This preview shows how black text looks on a background with the Hex color 74610A.



This preview shows how white text looks on a background with the Hex color 74610A.

# 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**  
74610A

**Protanopia**  
6F630B

**Deuteranopia**  
7C5D0E



**Tritanopia**  
795A61

# Trichromacy



**Original Color**  
74610A

**Protanomaly**  
71620B

**Deuteranomaly**  
795E0D

**Tritanomaly**  
775D41

# Monochromacy



**Original Color**  
74610A

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
655E3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74610A 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 #74610A looks like.

```
.text, #text, p{  
    color:#74610A  
}
```

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 #74610A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74610A
}
```

## Border

The CSS property to change the border of an element to Hex 74610A 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
#74610A }
```

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

```
.border{ border-color:#74610A }
```

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

Here you see how a box with a 4 pixel #74610A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74610A; -webkit-box-shadow:4px 4px  
4px 4px #74610A; box-shadow:4px 4px 4px  
4px #74610A }
```

# Background

The CSS property to change the background color of an element to Hex 74610A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74610A }
```

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

```
.background{ background-color:#74610A }
```

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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