

# Converting Colors

Hex(B74F09)

Have a look what the booklet for  
Hex(B74F09) contains.

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**Color**

**Hex(B74F09)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B74F09
RGB	183, 79, 9
RGB Percent	72%, 31%, 4%
CMY	0.2824, 0.6902, 0.9647
CMYK	0.00, 0.57, 0.95, 0.28
HSL	24°, 91%, 38%
HSV	24°, 95%, 72%
XYZ	22.3737, 15.6790, 2.1056
YIQ	102.1160, 84.4540, 0.2780

# Conversions

## Conversions Part 2

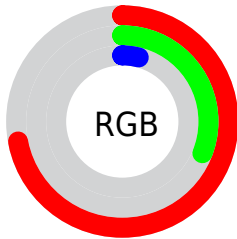
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 126, 9
Decimal	12013321
CIE Lab	46.55, 39.11, 54.16
CIE LCh	47, 66.807, 54.168
Yxy	15.6790, 0.5571, 0.3904
Android (android.graphics.Color)	4290203401 (0xFFB74F09)
YUV	102.1160, -45.9062, 70.9353
Hunter-Lab	39.5967, 31.5656, 24.5649

# Details

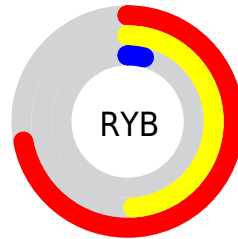
The Hex color **B74F09** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **0971B7**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F58340**, and **7A1C00** is the 20% darker color. If you saturate the color by 10%, you get **B74A00**, and if you desaturate by 10%, it is **B75A1B**.

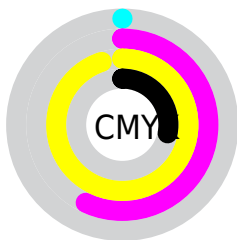
# Distribution



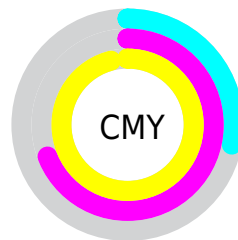
- Red (72%)
- Green (31%)
- Blue (4%)



- Red (72%)
- Yellow (49%)
- Blue (4%)



- Cyan (0%)
- Magenta (57%)
- Yellow (95%)
- Black (28%)



- Cyan (28%)
- Magenta (69%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B74F09 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 B74F09 by changing the saturation by 10% instead.



 B74F09

 B74F09

FFFFFFE

 983600

 F58340

 7A1C00

 FF9E59

 5D0000

 FFB973

 400000

 FFD58E

 260001

 FFF2A9

 000000

 FFFFC4

 FFFFE1

 B74F09

 B74F09

 B74A00

 B75A1B

 B7652E

 B77040

 B77B52

 B78664

 B79177

 B79C89

 B7A79B

 B7B1AE

# Harmonies

## Analogous

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



CD3144



B74F09



8F6800

# Triad

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



B74F09



008661



4F64D6

# Complementary

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



B74F09



0971B7

# 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.



0079DF



B74F09



00879B

# Square

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



B74F09



008226



0083C9



A646B1

# Rectangle

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



B74F09



6D7400



0083C9



006CDC



# Sweetspot

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



B74F09



EDC4A8



B70971



785F4E



F7F7F7



787878



# Same Dimension

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



B74F09



ED5F00



B7A609



5C5653



9C3F00



1C0B00



# Inverse Universe

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



0971B7



008EED



091AB7



53585C



005D9C



00111C



# Previews

## White Background



This preview shows how the Hex color B74F09 looks on a white background.

## Color Contrast Check

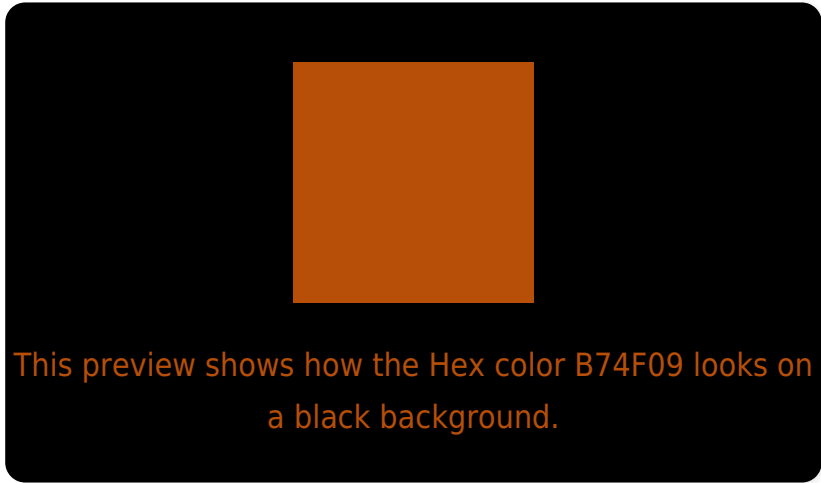
Large Text (above 18pt) WCAG AA ✓ Pass

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 B74F09 Background



This preview shows how black text looks on a background with the Hex color B74F09.



This preview shows how white text looks on a background with the Hex color B74F09.

# 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**  
B74F09

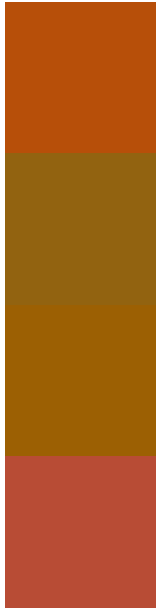
**Protanopia**  
7D6F14

**Deuteranopia**  
8C6900



**Tritanopia**  
B94A4E

# Trichromacy



**Original Color**  
B74F09

**Protanomaly**  
926310

**Deuteranomaly**  
9C6003

**Tritanomaly**  
B84C35

# Monochromacy



**Original Color**  
B74F09

**Achromatopsia**  
666666

**Achromatomaly**  
835E44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B74F09 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 #B74F09 looks like.

```
.text, #text, p{  
    color:#B74F09  
}
```

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 #B74F09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B74F09
}
```

## Border

The CSS property to change the border of an element to Hex B74F09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

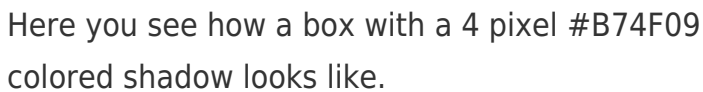
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B74F09 }
```

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

```
.border{ border-color:#B74F09 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B74F09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B74F09; -webkit-box-shadow:4px 4px  
4px 4px #B74F09; box-shadow:4px 4px 4px  
4px #B74F09 }
```

# Background

The CSS property to change the background color of an element to Hex B74F09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B74F09 }
```

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

```
.background{ background-color:#B74F09 }
```

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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