

# Converting Colors

Hex(47720A)

Have a look what the booklet for  
Hex(47720A) contains.

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**Color**

**Hex(47720A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47720A
RGB	71, 114, 10
RGB Percent	28%, 45%, 4%
CMY	0.7216, 0.5529, 0.9608
CMYK	0.38, 0.00, 0.91, 0.55
HSL	85°, 84%, 24%
HSV	85°, 91%, 45%
XYZ	8.6706, 13.3961, 2.4159
YIQ	89.2870, 7.7560, -41.4600

# Conversions

## Conversions Part 2

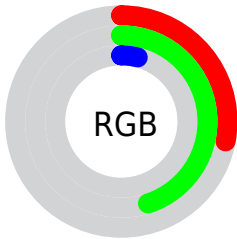
Format	Color
<b>RYB</b>	10, 114, 53
Decimal	4682250
CIELab	43.35, -30.75, 46.13
CIELCh	43, 55.446, 123.689
Yxy	13.3961, 0.3542, 0.5472
Android (android.graphics.Color)	4282872330 (0xFF47720A)
YUV	89.2870, -39.0885, -16.0377
Hunter-Lab	36.6007, -21.7650, 21.7070

# Details

The Hex color **47720A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **350A72**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7CA642**, and **124100** is the 20% darker color. If you saturate the color by 10%, you get **437200**, and if you desaturate by 10%, it is **4C7215**.

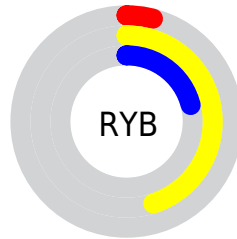
# Distribution



Red (28%)

Green (45%)

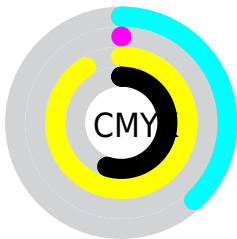
Blue (4%)



Red (4%)

Yellow (45%)

Blue (21%)

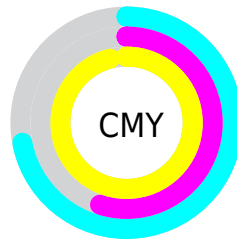


Cyan (38%)

Magenta (0%)

Yellow (91%)

Black (55%)



Cyan (72%)

Magenta (55%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47720A 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 47720A by changing the saturation by 10% instead.



 47720A

 47720A

FFFFFF

 2D5900

 7CA642

 124100

 97C25C

 002B00

 B3DE76

 001400

 CFFA90

 000000

 ECFFAC

 FFFFC8

 FFFFE4

 47720A

 47720A

■ 437200

■ 4C7215

■ 507221

■ 55722C

■ 5A7238

■ 5F7243

■ 63724E

■ 68725A

■ 6D7265

■ 717271

# Harmonies

## Analogous

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



766600



47720A



00783B

# Triad

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



47720A



0076B9



B73463

# Complementary

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



47720A



350A72

# 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.



A14190



47720A



006AC3

# Square

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



47720A



007B98



6D57B3



B24036

# Rectangle

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



47720A



007B5B



6D57B3



B33672



# Sweetspot

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



47720A



83946C



72340A



404A32



C9C9C9



4A4A4A



# Same Dimension

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



47720A



579400



14720A



363832



467800



91F700



# Inverse Universe

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



350A72



3D0094



680A72



353238



320078

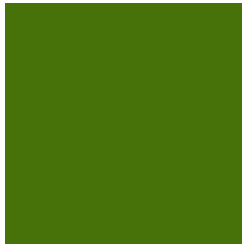


6600F7



# Previews

## White Background



This preview shows how the Hex color 47720A 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 47720A Background



This preview shows how black text looks on a background with the Hex color 47720A.



This preview shows how white text looks on a background with the Hex color 47720A.

# 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**  
47720A

**Protanopia**  
736601

**Deuteranopia**  
806118



**Tritanopia**  
536A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47720A 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 #47720A looks like.

```
.text, #text, p{  
    color:#47720A  
}
```

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 #47720A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47720A
}
```

## Border

The CSS property to change the border of an element to Hex 47720A 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".

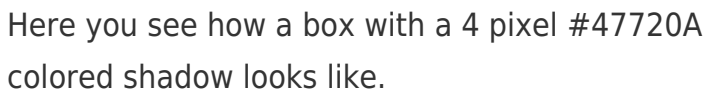
```
.border, #border, table{ border:4px solid
#47720A }
```

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

```
.border{ border-color:#47720A }
```

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

Here you see how a box with a 4 pixel #47720A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47720A; -webkit-box-shadow:4px 4px  
4px 4px #47720A; box-shadow:4px 4px 4px  
4px #47720A }
```

# Background

The CSS property to change the background color of an element to Hex 47720A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47720A }
```

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

```
.background{ background-color:#47720A }
```

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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