

# Converting Colors

Hex(47112D)

Have a look what the booklet for  
Hex(47112D) contains.

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**Color**

**Hex(47112D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47112D
RGB	71, 17, 45
RGB Percent	28%, 7%, 18%
CMY	0.7216, 0.9333, 0.8235
CMYK	0.00, 0.76, 0.37, 0.72
HSL	329°, 61%, 17%
HSV	329°, 76%, 28%
XYZ	3.2726, 1.9300, 2.6827
YIQ	36.3380, 23.1960, 20.1560

# Conversions

## Conversions Part 2

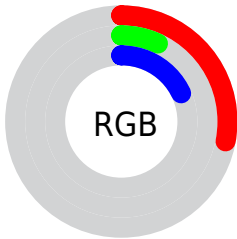
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 17, 45
Decimal	4657453
CIE Lab	15.12, 28.55, -4.55
CIE LCh	15, 28.906, 350.944
Yxy	1.9300, 0.4150, 0.2448
Android (android.graphics.Color)	4282847533 (0xFF47112D)
YUV	36.3380, 4.2704, 30.3986
Hunter-Lab	13.8923, 17.7382, -1.7245

# Details

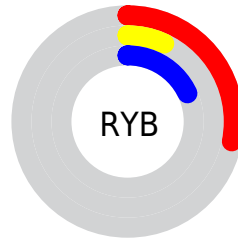
The Hex color **47112D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **11472B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7A405B**, and **120000** is the 20% darker color. If you saturate the color by 10%, you get **470A2A**, and if you desaturate by 10%, it is **471830**.

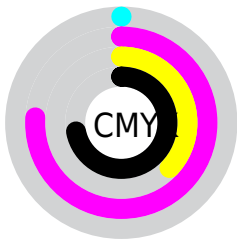
# Distribution



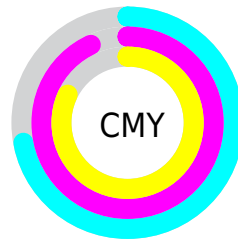
- Red (28%)
- Green (7%)
- Blue (18%)



- Red (28%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (76%)
- Yellow (37%)
- Black (72%)



- Cyan (72%)
- Magenta (93%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47112D 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 47112D by changing the saturation by 10% instead.



 47112D

 47112D

 FFFAFF

 2F0019

 7A405B

 120000

 955873

 000000

 B0718D

 CC8BA7

 E8A6C2

 FFC2DE

 FFDEFB

 47112D

 47112D

■ 470A2A

■ 471830

■ 470326

■ 471F34

■ 470025

■ 472637

■ 472D3B

■ 47353E

■ 473C42

■ 474345

■ 474A48

■ 47514C

# Harmonies

## Analogous

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



381A40



47112D



4A1219

# Triad

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



47112D



232900



002E45

# Complementary

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



47112D



11472B

# 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.



002F34



47112D



062D08

# Square

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



47112D



352300



002F1F



002A4E

# Rectangle

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



47112D



46170A



002F1F



002F40



# Sweetspot

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



47112D



5C4752



2A1147



2E2128



ADADAD



2E2E2E



# Same Dimension

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



47112D



5C0834



471113



242022



630034



E30076



# Inverse Universe

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



47112D



5C0834



114745



242022



630034

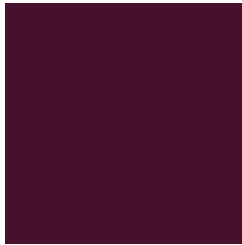


E30076



# Previews

## White Background



This preview shows how the Hex color 47112D looks on a white background.

## Color Contrast Check

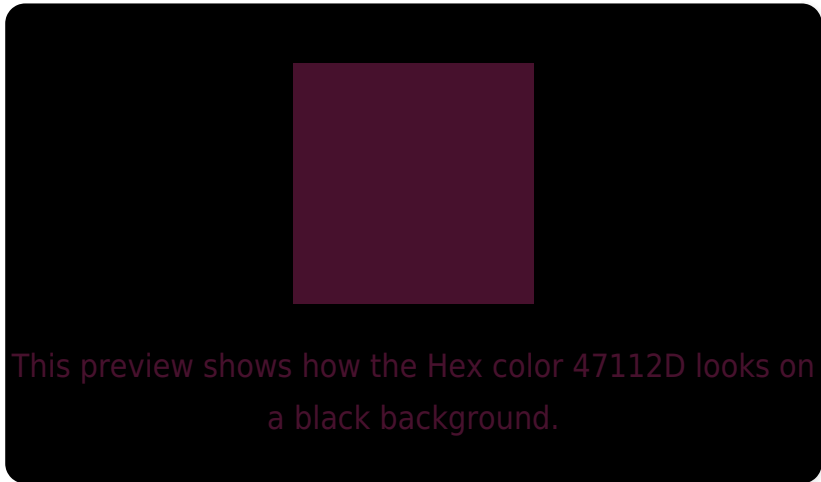
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

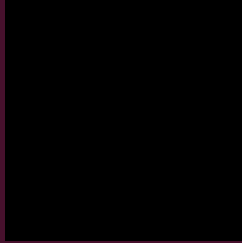
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 47112D Background



This preview shows how black text looks on a background with the Hex color 47112D.



This preview shows how white text looks on a background with the Hex color 47112D.

# 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**  
47112D

**Protanopia**  
21273C

**Deuteranopia**  
2A272A



**Tritanopia**  
461718

# Trichromacy



**Original Color**  
47112D

**Protanomaly**  
2F1F37

**Deuteranomaly**  
351F2B

**Tritanomaly**  
461520

# Monochromacy



**Original Color**  
47112D

**Achromatopsia**  
242424

**Achromatomaly**  
311D27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47112D 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 #47112D looks like.

```
.text, #text, p{  
    color:#47112D  
}
```

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 #47112D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47112D
}
```

## Border

The CSS property to change the border of an element to Hex 47112D 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".

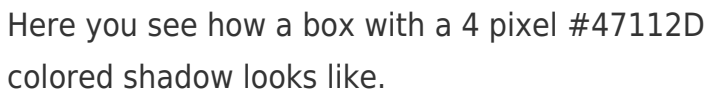
```
.border, #border, table{ border:4px solid
#47112D }
```

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

```
.border{ border-color:#47112D }
```

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

Here you see how a box with a 4 pixel #47112D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47112D; -webkit-box-shadow:4px 4px  
4px 4px #47112D; box-shadow:4px 4px 4px  
4px #47112D }
```

# Background

The CSS property to change the background color of an element to Hex 47112D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47112D }
```

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

```
.background{ background-color:#47112D }
```

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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