

Converting Colors

Hex(76122D)

Have a look what the booklet for
Hex(76122D) contains.

Hex(76122D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76122D)

Conversions

Conversions Part 1

Format	Color
Hex	76122D
RGB	118, 18, 45
RGB Percent	46%, 7%, 18%
CMY	0.5373, 0.9294, 0.8235
CMYK	0.00, 0.85, 0.62, 0.54
HSL	344°, 74%, 27%
HSV	344°, 85%, 46%
XYZ	8.1612, 4.4736, 2.9160
YIQ	50.9780, 50.9330, 29.5970

Conversions

Conversions Part 2

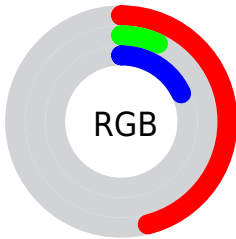
Format	Color
R_{YB}	118, 18, 45
Decimal	7737901
CIE _{Lab}	25.18, 43.09, 11.16
CIE _{LCh}	25, 44.510, 14.523
Yxy	4.4736, 0.5248, 0.2877
Android (android.graphics.Color)	4285927981 (0xFF76122D)
YUV	50.9780, -2.9472, 58.7783
Hunter-Lab	21.1509, 31.8607, 6.6316

Details

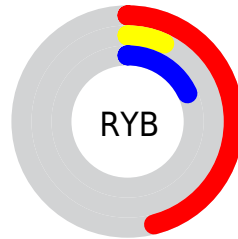
The Hex color **76122D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **12765B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **AF495A**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **760624**, and if you desaturate by 10%, it is **761E36**.

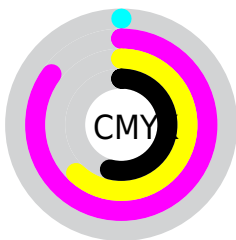
Distribution



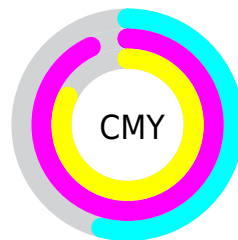
- Red (46%)
- Green (7%)
- Blue (18%)



- Red (46%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (85%)
- Yellow (62%)
- Black (54%)



- Cyan (54%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76122D 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 76122D by changing the saturation by 10% instead.

 76122D

 76122D

FFFFFF

 5A0019

 AF495A

 400000

 CC6373

 240001

 EA7E8C

 000000

 FF99A7

 FFB4C2

 FFD1DE

 FFEDFA

 76122D

 76122D

■ 760624

■ 761E36

■ 760020

■ 762A3E

■ 763547

■ 76414F

■ 764D58

■ 765961

■ 766569

■ 767072

■ 767C7B

Harmonies

Analogous

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



6E164F



76122D



6D230C

Triad

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



76122D



0E4603



00457D

Complementary

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



76122D



12765B

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.



00496B



76122D



004928

Square

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



76122D



3C3F00



004A4C



003A7E

Rectangle

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



76122D



602F00



004A4C



004779

Sweetspot

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



76122D



99737D



5A1276



4D363C



CCCCCC



4D4D4D

Same Dimension

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



76122D



990029



762812



3B3536



7A0021



FA0043

Inverse Universe

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



76122D



990029



126076



3B3536



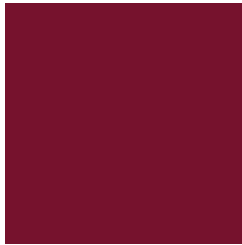
7A0021



FA0043

Previews

White Background



This preview shows how the Hex color 76122D 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

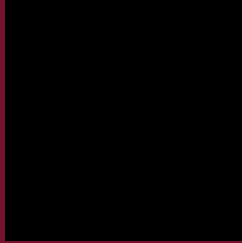
Any Text WCAG AA × Fail

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 76122D Background



This preview shows how black text looks on a background with the Hex color 76122D.



This preview shows how white text looks on a background with the Hex color 76122D.

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
76122D

Protanopia
3E3E40

Deuteranopia
4A3B28



Tritanopia
751818

Trichromacy



Original Color
76122D

Protanomaly
522E39

Deuteranomaly
5A2C2A

Tritanomaly
751620

Monochromacy



Original Color
76122D

Achromatopsia
333333

Achromatomaly
4B2731

CSS Examples

Text

The CSS property to change the color of the text to Hex 76122D 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 #76122D looks like.

```
.text, #text, p{  
    color:#76122D  
}
```

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 #76122D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76122D
}
```

Border

The CSS property to change the border of an element to Hex 76122D 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".

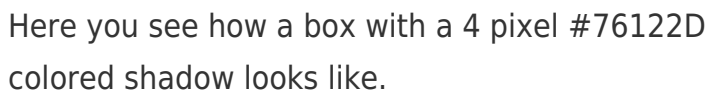
```
.border, #border, table{ border:4px solid
#76122D }
```

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

```
.border{ border-color:#76122D }
```

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

Here you see how a box with a 4 pixel #76122D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76122D; -webkit-box-shadow:4px 4px  
4px 4px #76122D; box-shadow:4px 4px 4px  
4px #76122D }
```

Background

The CSS property to change the background color of an element to Hex 76122D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76122D }
```

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

```
.background{ background-color:#76122D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor