

Converting Colors

Hex(76682A)

Have a look what the booklet for
Hex(76682A) contains.

Hex(76682A)	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(76682A)

Conversions

Conversions Part 1

Format	Color
Hex	76682A
RGB	118, 104, 42
RGB Percent	46%, 41%, 16%
CMY	0.5373, 0.5922, 0.8353
CMYK	0.00, 0.12, 0.64, 0.54
HSL	49°, 48%, 31%
HSV	49°, 64%, 46%
XYZ	12.8394, 13.9193, 4.2005
YIQ	101.1180, 28.2460, -16.3140

Conversions

Conversions Part 2

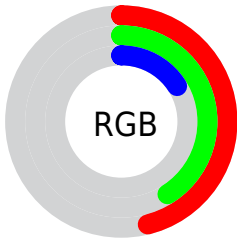
Format	Color
RYB	59, 118, 42
Decimal	7759914
CIELab	44.12, -2.57, 36.07
CIELCh	44, 36.163, 94.083
Yxy	13.9193, 0.4147, 0.4496
Android (android.graphics.Color)	4285949994 (0xFF76682A)
YUV	101.1180, -29.1452, 14.8055
Hunter-Lab	37.3086, -3.8609, 19.4407

Details

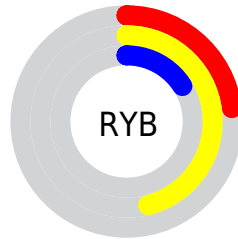
The Hex color **76682A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A3876**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AC9B5A**, and **433900** is the 20% darker color. If you saturate the color by 10%, you get **76661E**, and if you desaturate by 10%, it is **766A36**.

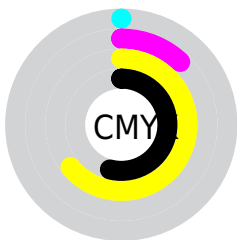
Distribution



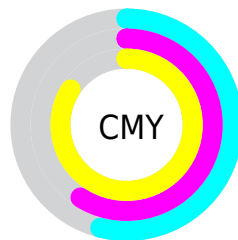
- Red (46%)
- Green (41%)
- Blue (16%)



- Red (23%)
- Yellow (46%)
- Blue (16%)



- Cyan (0%)
- Magenta (12%)
- Yellow (64%)
- Black (54%)



- Cyan (54%)
- Magenta (59%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76682A 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 76682A by changing the saturation by 10% instead.



76682A



76682A

FFFFFF



5C5012



AC9B5A



433900



C8B673



2B2400



E5D18E



100F00



FFEDA8



000000



FFFFC4



FFFFE0



FFFFFFD



76682A



76682A

■ 76661E

■ 766A36

■ 766412

■ 766C42

■ 766107

■ 766F4D

■ 766000

■ 767159

■ 767365

■ 767571

■ 76777D

■ 767988

■ 767C94

Harmonies

Analogous

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



8F5D32



76682A



577034

Triad

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



76682A



007789



915483

Complementary

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



76682A



2A3876

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.



705F9A



76682A



00729E

Square

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



76682A



00776C



3A6AA4



A04F65

Rectangle

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



76682A



3D7444



3A6AA4



88578C

Sweetspot

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



76682A



99947C



762A39



4D493B



CCCCCC



4D4D4D

Same Dimension

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



76682A



998323



5F762A



3B3A35



7A6400



FACC00

Inverse Universe

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



2A3876



233999



412A76



35363B



00177A



002EFA

Previews

White Background



This preview shows how the Hex color 76682A looks on a white background.

Color Contrast Check

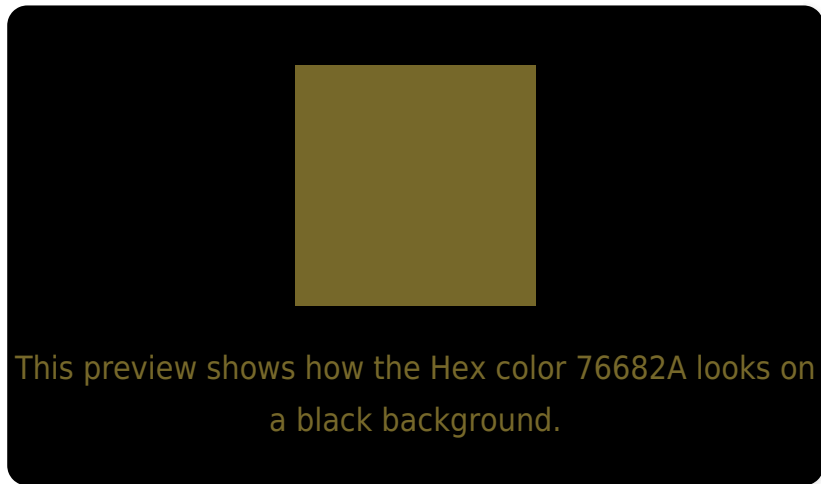
Large Text (above 18pt) WCAG AA ✓ Pass

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

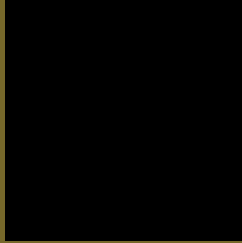
Any Text WCAG AA × Fail

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 76682A Background



This preview shows how black text looks on a background with the Hex color 76682A.



This preview shows how white text looks on a background with the Hex color 76682A.

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
76682A

Protanopia
74692A

Deuteranopia
82632B



Tritanopia
7B6269

Trichromacy



Original Color
76682A

Protanomaly
75692A

Deuteranomaly
7E652B

Tritanomaly
796452

Monochromacy



Original Color
76682A

Achromatopsia
656565

Achromatomaly
6B6650

CSS Examples

Text

The CSS property to change the color of the text to Hex 76682A 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 #76682A looks like.

```
.text, #text, p{  
    color:#76682A  
}
```

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 #76682A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76682A
}
```

Border

The CSS property to change the border of an element to Hex 76682A 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
#76682A }
```

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

```
.border{ border-color:#76682A }
```

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

Here you see how a box with a 4 pixel #76682A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76682A; -webkit-box-shadow:4px 4px  
4px 4px #76682A; box-shadow:4px 4px 4px  
4px #76682A }
```

Background

The CSS property to change the background color of an element to Hex 76682A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76682A }
```

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

```
.background{ background-color:#76682A }
```

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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