

Converting Colors

Hex(76620E)

Have a look what the booklet for
Hex(76620E) contains.

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Color

Hex(76620E)

Conversions

Conversions Part 1

Format	Color
Hex	76620E
RGB	118, 98, 14
RGB Percent	46%, 38%, 5%
CMY	0.5373, 0.6157, 0.9451
CMYK	0.00, 0.17, 0.88, 0.54
HSL	48°, 79%, 26%
HSV	48°, 88%, 46%
XYZ	11.9182, 12.6186, 2.2229
YIQ	94.4040, 38.8840, -21.8840

Conversions

Conversions Part 2

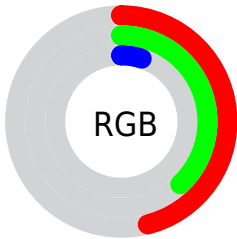
Format	Color
R _Y B	39, 118, 14
Decimal	7758350
CIE Lab	42.18, -0.53, 45.65
CIE LCh	42, 45.656, 90.661
Yxy	12.6186, 0.4454, 0.4716
Android (android.graphics.Color)	4285948430 (0xFF76620E)
YUV	94.4040, -39.6392, 20.6937
Hunter-Lab	35.5227, -2.2765, 21.1556

Details

The Hex color **76620E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E2276**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **AD9443**, and **423400** is the 20% darker color. If you saturate the color by 10%, you get **766002**, and if you desaturate by 10%, it is **76641A**.

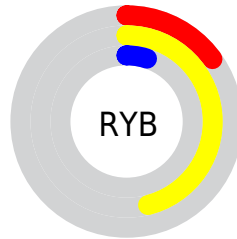
Distribution



Red (46%)

Green (38%)

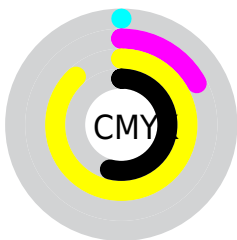
Blue (5%)



Red (15%)

Yellow (46%)

Blue (5%)

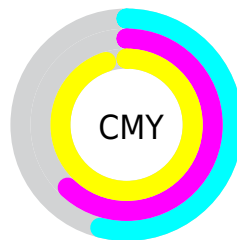


Cyan (0%)

Magenta (17%)

Yellow (88%)

Black (54%)



Cyan (54%)

Magenta (62%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76620E 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 76620E by changing the saturation by 10% instead.

 76620E

 76620E

FFFFFF

 5B4A00

 AD9443

 423400

 CAAF5C

 281F00

 E7CA76

 0B0800

 FFE690

 000000

 FFFFAB

 FFFFC7

 FFFFEE

 76620E

 76620E

■ 766002

■ 76641A

■ 765F00

■ 766726

■ 766931

■ 766B3D

■ 766D49

■ 767055

■ 767261

■ 76746C

■ 767678

Harmonies

Analogous

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



935420



76620E



506C1D

Triad

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



76620E



007589



924989

Complementary

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



76620E



0E2276

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.



6459A5



76620E



0071A5

Square

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



76620E



007563



0068AF



A63F64

Rectangle

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



76620E



2F7131



0068AF



864E94

Sweetspot

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



76620E



999171



760E23



4D4835



CCCCCC



4D4D4D

Same Dimension

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



76620E



997C00



57760E



3B3A35



7A6300



FACA00

Inverse Universe

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



0E2276



001D99



2D0E76



35363B



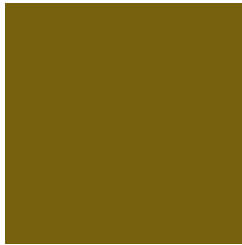
00187A



0030FA

Previews

White Background



This preview shows how the Hex color 76620E looks on a white background.

Color Contrast Check

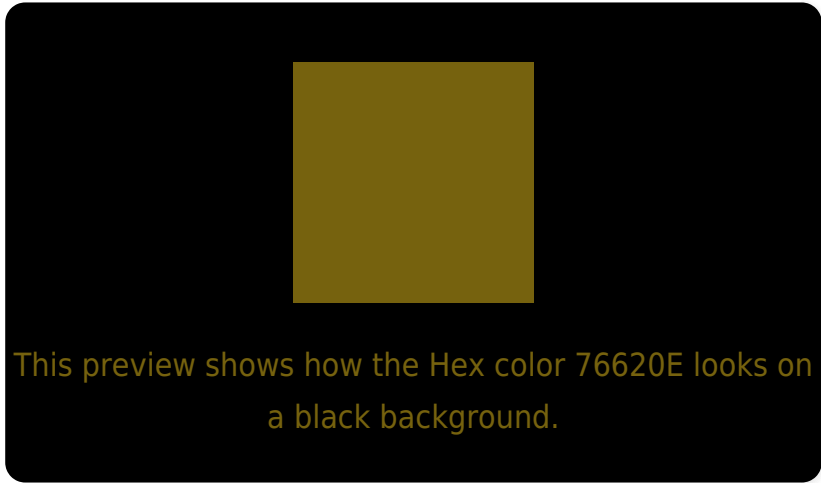
Large Text (above 18pt) WCAG AA ✓ Pass

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 76620E Background



This preview shows how black text looks on a background with the Hex color 76620E.



This preview shows how white text looks on a background with the Hex color 76620E.

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
76620E

Protanopia
70640F

Deuteranopia
7E5F11



Tritanopia
7B5B62

Trichromacy



Original Color
76620E

Protanomaly
72630F

Deuteranomaly
7B6010

Tritanomaly
795E43

Monochromacy



Original Color
76620E

Achromatopsia
5E5E5E

Achromatomaly
675F41

CSS Examples

Text

The CSS property to change the color of the text to Hex 76620E 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 #76620E looks like.

```
.text, #text, p{  
    color:#76620E  
}
```

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 #76620E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76620E
}
```

Border

The CSS property to change the border of an element to Hex 76620E 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
#76620E }
```

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

```
.border{ border-color:#76620E }
```

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

Here you see how a box with a 4 pixel #76620E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76620E; -webkit-box-shadow:4px 4px  
4px 4px #76620E; box-shadow:4px 4px 4px  
4px #76620E }
```

Background

The CSS property to change the background color of an element to Hex 76620E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76620E }
```

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

```
.background{ background-color:#76620E }
```

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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