

Converting Colors

Hex(76475B)

Have a look what the booklet for
Hex(76475B) contains.

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Color

Hex(76475B)

Conversions

Conversions Part 1

Format	Color
Hex	76475B
RGB	118, 71, 91
RGB Percent	46%, 28%, 36%
CMY	0.5373, 0.7216, 0.6431
CMYK	0.00, 0.40, 0.23, 0.54
HSL	334°, 25%, 37%
HSV	334°, 40%, 46%
XYZ	11.6128, 9.1134, 11.0445
YIQ	87.3330, 21.5920, 16.1840

Conversions

Conversions Part 2

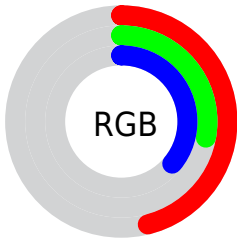
Format	Color
R_{YB}	118, 71, 91
Decimal	7751515
CIE Lab	36.20, 23.10, -3.27
CIE LCh	36, 23.329, 351.940
Yxy	9.1134, 0.3655, 0.2868
Android (android.graphics.Color)	4285941595 (0xFF76475B)
YUV	87.3330, 1.8078, 26.8950
Hunter-Lab	30.1883, 15.8354, -0.5596

Details

The Hex color **76475B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **477662**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AB788D**, and **44192D** is the 20% darker color. If you saturate the color by 10%, you get **763B54**, and if you desaturate by 10%, it is **765362**.

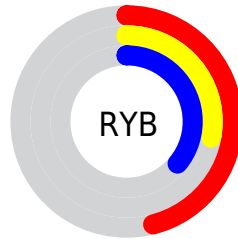
Distribution



Red (46%)

Green (28%)

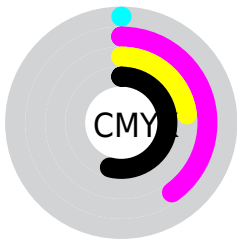
Blue (36%)



Red (46%)

Yellow (28%)

Blue (36%)

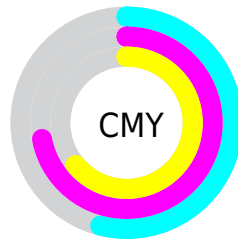


Cyan (0%)

Magenta (40%)

Yellow (23%)

Black (54%)



Cyan (54%)

Magenta (72%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76475B 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 76475B by changing the saturation by 10% instead.

 76475B

 76475B

FFFFFF

 5D3044

 AB788D

 44192D

 C792A7

 2D0319

 E3ADC3

 100000

 FFC9DF

 000000

 FFE5FB

 76475B

 76475B

 763B54

 765362

 762F4D

 765F69

 762447

 766A6F

 761840

 767676

 760C39

 76827D

 760032

 768E84

 769A8A

 76A591

 76B198

Harmonies

Analogous

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



684B6C



76475B



7A4748

Triad

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



76475B



535832



0C5D72

Complementary

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



76475B



477662

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.



065F62



76475B



3E5D3D

Square

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



76475B



665230



255F4F



31597A

Rectangle

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



76475B



764A3D



255F4F



025E6E

Sweetspot

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



76475B



99878E



624776



4D4246



CCCCCC



4D4D4D

Same Dimension

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



76475B



99506F



764A47



3B3537



7A0034



FA006A

Inverse Universe

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



76475B



99506F



477376



3B3537



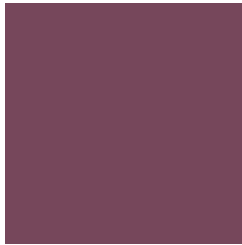
7A0034



FA006A

Previews

White Background



This preview shows how the Hex color 76475B looks on a white background.

Color Contrast Check

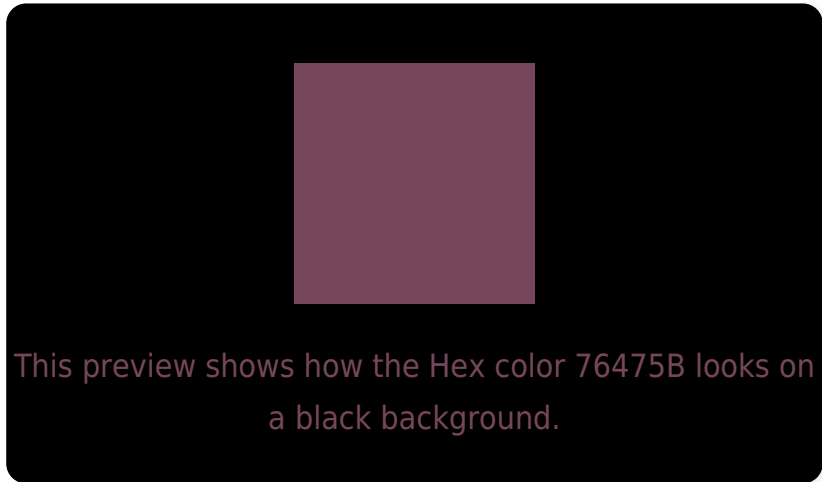
Large Text (above 18pt) WCAG AA ✓ Pass

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

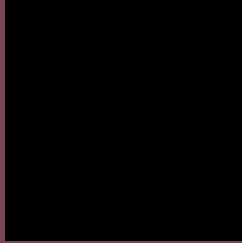
Any Text WCAG AA × Fail

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 76475B Background



This preview shows how black text looks on a background with the Hex color 76475B.



This preview shows how white text looks on a background with the Hex color 76475B.

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
76475B

Protanopia
535564

Deuteranopia
5C5359



Tritanopia
75494F

Trichromacy



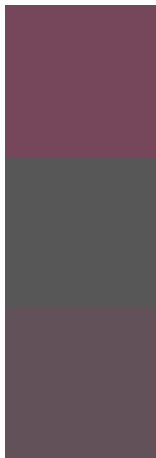
Original Color
76475B

Protanomaly
605061

Deuteranomaly
654F5A

Tritanomaly
754853

Monochromacy



Original Color
76475B

Achromatopsia
575757

Achromatomaly
625158

CSS Examples

Text

The CSS property to change the color of the text to Hex 76475B 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 #76475B looks like.

```
.text, #text, p{  
    color:#76475B  
}
```

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 #76475B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76475B
}
```

Border

The CSS property to change the border of an element to Hex 76475B is called "border". The border property can be set on classes, ids or directly on the HTML element.

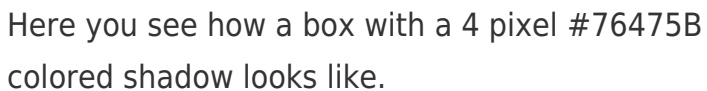
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76475B }
```

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

```
.border{ border-color:#76475B }
```

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



Here you see how a box with a 4 pixel #76475B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76475B; -webkit-box-shadow:4px 4px  
4px 4px #76475B; box-shadow:4px 4px 4px  
4px #76475B }
```

Background

The CSS property to change the background color of an element to Hex 76475B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76475B }
```

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

```
.background{ background-color:#76475B }
```

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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