

Converting Colors

Hex(75446B)

Have a look what the booklet for
Hex(75446B) contains.

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Color

Hex(75446B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 75446B |
| RGB | 117, 68, 107 |
| RGB Percent | 46%, 27%, 42% |
| CMY | 0.5412, 0.7333, 0.5804 |
| CMYK | 0.00, 0.42, 0.09, 0.54 |
| HSL | 312°, 26%, 36% |
| HSV | 312°, 42%, 46% |
| XYZ | 12.0571, 8.9777, 15.0073 |
| YIQ | 87.0970, 16.6850, 22.5170 |

Conversions

Conversions Part 2

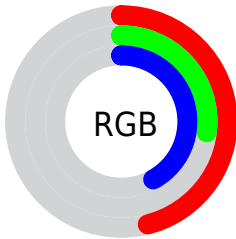
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 117, 68, 107 |
| Decimal | 7685227 |
| CIE _{Lab} | 35.94, 27.34, -13.76 |
| CIE _{LCh} | 36, 30.610, 333.294 |
| Yxy | 8.9777, 0.3345, 0.2491 |
| Android (android.graphics.Color) | 4285875307 (0xFF75446B) |
| YUV | 87.0970, 9.8122, 26.2249 |
| Hunter-Lab | 29.9628, 19.3938, -8.7223 |

Details

The Hex color **75446B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44754E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AA759E**, and **43163C** is the 20% darker color. If you saturate the color by 10%, you get **753869**, and if you desaturate by 10%, it is **75506D**.

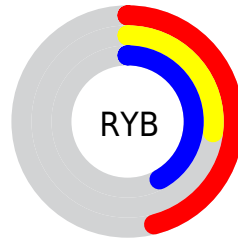
Distribution



Red (46%)

Green (27%)

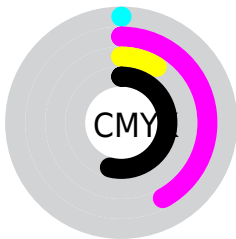
Blue (42%)



Red (46%)

Yellow (27%)

Blue (42%)

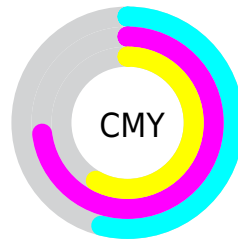


Cyan (0%)

Magenta (42%)

Yellow (9%)

Black (54%)



Cyan (54%)

Magenta (73%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75446B 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 75446B by changing the saturation by 10% instead.

 75446B

 75446B

FFFFFF

 5C2D53

 AA759E

 43163C

 C68FB9

 2C0026

 E2AAD5

 110010

 FFC6F2

 000000

 FFE2FF

 75446B

 75446B

 753869

 75506D

 752D66

 755B70

 752164

 756772

 751561

 757375

 750A5F

 757F77

 75005D

 758A79

 75967C

 75A27E

 75AD80

Harmonies

Analogous

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



5A4D7E



75446B



824053

Triad

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



75446B



605422



00606F

Complementary

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



75446B



44754E

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.



006157



75446B



475B2A

Square

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



75446B



754B29



265F3E



005D80

Rectangle

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



75446B



824142



265F3E



006167

Sweetspot

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



75446B



998595



4E4475



4D404A



CCCCCC



4D4D4D

Same Dimension

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



75446B



994D89



754453



3B3539



7A0061



FA00C7

Inverse Universe

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



75446B



994D89



447566



3B3539



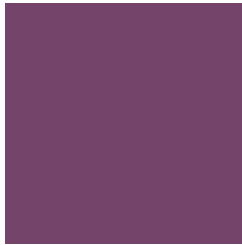
7A0061



FA00C7

Previews

White Background



This preview shows how the Hex color 75446B looks on a white background.

Color Contrast Check

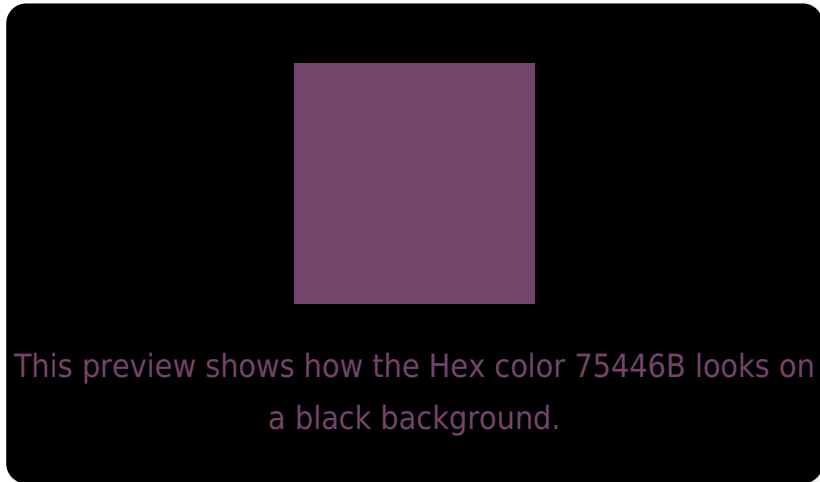
Large Text (above 18pt) WCAG AA ✓ Pass

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

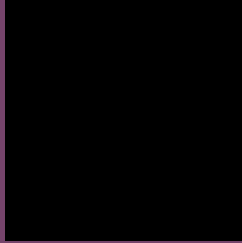
Any Text WCAG AA × Fail

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 75446B Background



This preview shows how black text looks on a background with the Hex color 75446B.



This preview shows how white text looks on a background with the Hex color 75446B.

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
75446B

Protanopia
4A5477

Deuteranopia
535368



Tritanopia
724A4F

Trichromacy



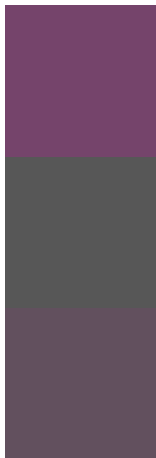
Original Color
75446B

Protanomaly
5A4E73

Deuteranomaly
5F4E69

Tritanomaly
734859

Monochromacy



Original Color
75446B

Achromatopsia
575757

Achromatomaly
62505E

CSS Examples

Text

The CSS property to change the color of the text to Hex 75446B 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 #75446B looks like.

```
.text, #text, p{  
    color:#75446B  
}
```

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 #75446B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75446B
}
```

Border

The CSS property to change the border of an element to Hex 75446B is called "border". The border property can be set on classes, ids or directly on the HTML element.

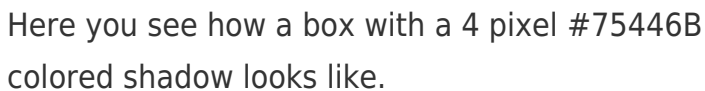
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75446B }
```

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

```
.border{ border-color:#75446B }
```

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



Here you see how a box with a 4 pixel #75446B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75446B; -webkit-box-shadow:4px 4px  
4px 4px #75446B; box-shadow:4px 4px 4px  
4px #75446B }
```

Background

The CSS property to change the background color of an element to Hex 75446B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75446B }
```

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

```
.background{ background-color:#75446B }
```

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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