

Converting Colors

Hex(473654)

Have a look what the booklet for
Hex(473654) contains.

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Color

Hex(473654)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 473654 |
| RGB | 71, 54, 84 |
| RGB Percent | 28%, 21%, 33% |
| CMY | 0.7216, 0.7882, 0.6706 |
| CMYK | 0.15, 0.36, 0.00, 0.67 |
| HSL | 274°, 22%, 27% |
| HSV | 274°, 36%, 33% |
| XYZ | 5.5179, 4.6180, 8.9880 |
| YIQ | 62.5030, 0.5020, 12.9340 |

Conversions

Conversions Part 2

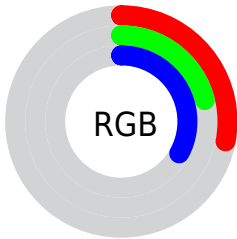
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 71, 54, 84 |
| Decimal | 4666964 |
| CIE _{Lab} | 25.62, 14.22, -15.33 |
| CIE _{LCh} | 26, 20.908, 312.849 |
| Yxy | 4.6180, 0.2885, 0.2415 |
| Android (android.graphics.Color) | 4282857044 (0xFF473654) |
| YUV | 62.5030, 10.5980, 7.4519 |
| Hunter-Lab | 21.4896, 8.2271, -9.7554 |

Details

The Hex color **473654** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **435436**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **786586**, and **1B0B27** is the 20% darker color. If you saturate the color by 10%, you get **432E54**, and if you desaturate by 10%, it is **4B3E54**.

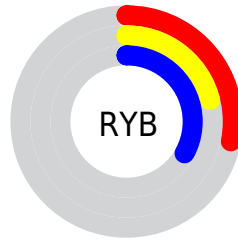
Distribution



Red (28%)

Green (21%)

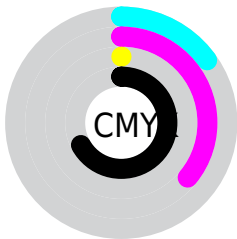
Blue (33%)



Red (28%)

Yellow (21%)

Blue (33%)

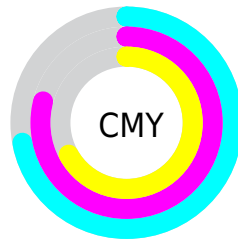


Cyan (15%)

Magenta (36%)

Yellow (0%)

Black (67%)



Cyan (72%)

Magenta (79%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 473654 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 473654 by changing the saturation by 10% instead.

■ 473654

■ 473654

FFFFFF

■ 30203D

■ 786586

■ 1B0B27

■ 927EA0

■ 000111

■ AC98BB

■ 000000

■ C8B3D7

■ E4CEF3

■ FFEAFF

■ 473654

■ 473654

■ 432E54

■ 4B3E54

■ 402554

■ 4E4754

■ 3C1D54

■ 524F54

■ 381454

■ 565854

■ 350C54

■ 596054

■ 310454

■ 5D6854

■ 300054

■ 607154

■ 647954

■ 688254

Harmonies

Analogous

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



303C5B



473654



563146

Triad

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



473654



4E391E



004543

Complementary

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



473654



435436

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.



194433



473654



403E1D

Square

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



473654



583328



2E4225



004452

Rectangle

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



473654



5A303C



2E4225



03453E

Sweetspot

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



473654



68626E



364354



353138



B8B8B8



383838

Same Dimension

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



473654



593F6E



543652



272529



3B0069



8300E8

Inverse Universe

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



543643



6E3F53



365438



292526



69002D



E80065

Previews

White Background



This preview shows how the Hex color 473654 looks on a white background.

Color Contrast Check

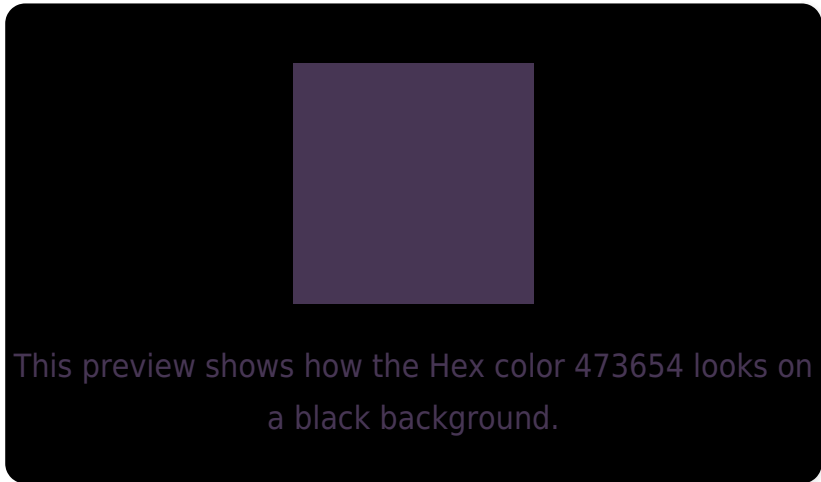
Large Text (above 18pt) WCAG AA ✓ Pass

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

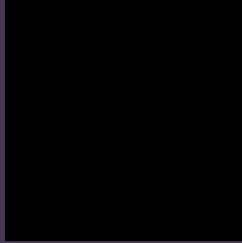
Any Text WCAG AA × Fail

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 473654 Background



This preview shows how black text looks on a background with the Hex color 473654.



This preview shows how white text looks on a background with the Hex color 473654.

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
473654

Protanopia
333C59

Deuteranopia
363C53



Tritanopia
443A3F

Trichromacy



Original Color

473654

Protanomaly

3A3A57

Deuteranomaly

3C3A53

Tritanomaly

453947

Monochromacy



Original Color

473654

Achromatopsia

3F3F3F

Achromatomaly

423C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 473654 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 #473654 looks like.

```
.text, #text, p{  
    color:#473654  
}
```

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 #473654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #473654
}
```

Border

The CSS property to change the border of an element to Hex 473654 is called "border". The border property can be set on classes, ids or directly on the HTML element.

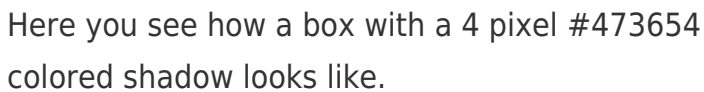
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#473654 }
```

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

```
.border{ border-color:#473654 }
```

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



Here you see how a box with a 4 pixel #473654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #473654; -webkit-box-shadow:4px 4px  
4px 4px #473654; box-shadow:4px 4px 4px  
4px #473654 }
```

Background

The CSS property to change the background color of an element to Hex 473654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#473654 }
```

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

```
.background{ background-color:#473654 }
```

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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