

Converting Colors

Hex(433F5C)

Have a look what the booklet for
Hex(433F5C) contains.

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Color

Hex(433F5C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 433F5C |
| RGB | 67, 63, 92 |
| RGB Percent | 26%, 25%, 36% |
| CMY | 0.7373, 0.7529, 0.6392 |
| CMYK | 0.27, 0.32, 0.00, 0.64 |
| HSL | 248°, 19%, 30% |
| HSV | 248°, 32%, 36% |
| XYZ | 6.0240, 5.5210, 10.8734 |
| YIQ | 67.5020, -6.9250, 9.8670 |

Conversions

Conversions Part 2

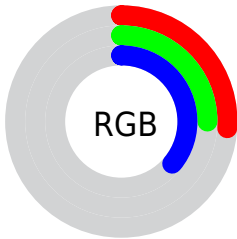
| Format | Color |
|-------------------------------------|--|
| RYB | 67, 63, 92 |
| Decimal | 4407132 |
| CIELab | 28.17, 8.96, -16.63 |
| CIELCh | 28, 18.894, 298.315 |
| Yxy | 5.5210, 0.2687, 0.2463 |
| Android (android.graphics.Color) | 4282597212 (0xFF433F5C) |
| YUV | 67.5020, 12.0775, -0.4403 |
| Hunter-Lab | 23.4968, 4.6436, -10.9892 |

Details

The Hex color **433F5C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **585C3F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **746F8E**, and **17152E** is the 20% darker color. If you saturate the color by 10%, you get **3B365C**, and if you desaturate by 10%, it is **4B485C**.

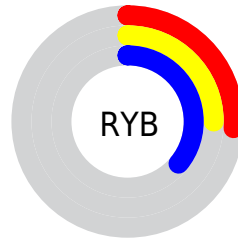
Distribution



Red (26%)

Green (25%)

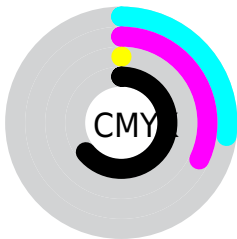
Blue (36%)



Red (26%)

Yellow (25%)

Blue (36%)

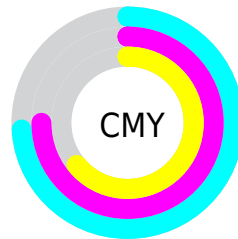


Cyan (27%)

Magenta (32%)

Yellow (0%)

Black (64%)



Cyan (74%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 433F5C 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 433F5C by changing the saturation by 10% instead.

■ 433F5C

■ 433F5C

FFFFFF

■ 2C2944

■ 746F8E

■ 17152E

■ 8D88A9

■ 000019

■ A8A2C4

■ 000000

■ C3BDE0

■ DFD9FD

■ FCF5FF

■ 433F5C

■ 433F5C

■ 3B365C

■ 4B485C

■ 332D5C

■ 53515C

■ 2B235C

■ 5B5B5C

■ 231A5C

■ 63645C

■ 1B115C

■ 6B6D5C

■ 13085C

■ 73765C

■ 0D005C

■ 7B7F5C

■ 82895C

■ 8A925C

Harmonies

Analogous

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



2C445F



433F5C



543A52

Triad

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



433F5C



583C2A



1A4A41

Complementary

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



433F5C



585C3F

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.



2D4933



433F5C



4D4125

Square

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



433F5C



5E3835



3E4628



084A50

Rectangle

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



433F5C



5B3849



3E4628



204A3C

Sweetspot

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



433F5C



6F6D78



3F585C



37363D



BDBDBD



3D3D3D

Same Dimension

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



433F5C



514A78



513F5C



2A292E



0F006E



2100ED

Inverse Universe

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



5C3F58



784A72



4A5C3F



2E292D



6E005F



ED00CC

Previews

White Background



This preview shows how the Hex color 433F5C looks on a white background.

Color Contrast Check

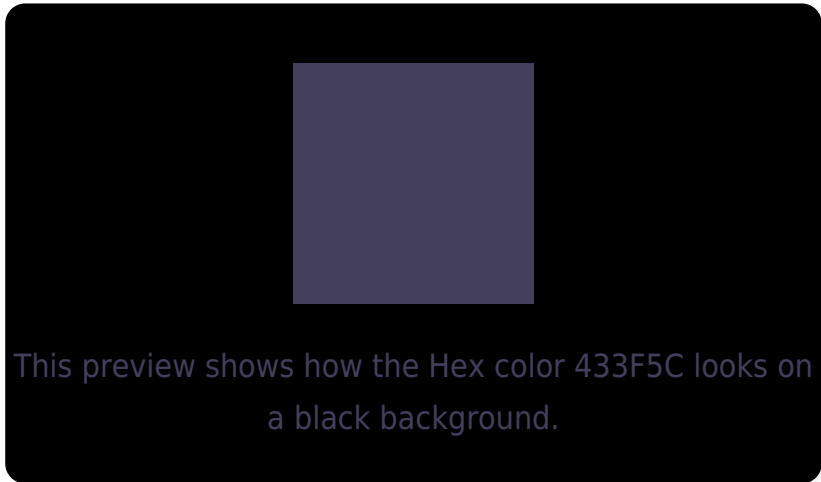
Large Text (above 18pt) WCAG AA ✓ Pass

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

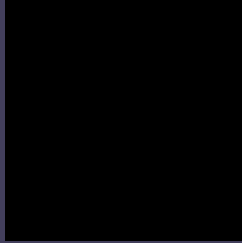
Any Text WCAG AA × Fail

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 433F5C Background



This preview shows how black text looks on a background with the Hex color 433F5C.



This preview shows how white text looks on a background with the Hex color 433F5C.

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](#).

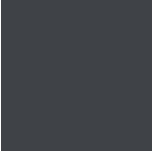
Dichromacy



Original Color
433F5C

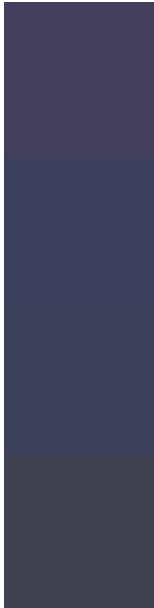
Protanopia
3A425E

Deuteranopia
3B425B



Tritanopia
3F4348

Trichromacy



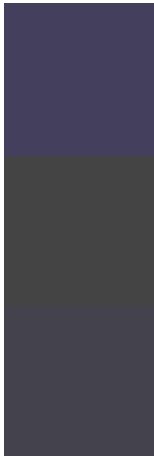
Original Color
433F5C

Protanomaly
3D415D

Deuteranomaly
3E415B

Tritanomaly
40424F

Monochromacy



Original Color
433F5C

Achromatopsia
444444

Achromatomaly
44424D

CSS Examples

Text

The CSS property to change the color of the text to Hex 433F5C 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 #433F5C looks like.

```
.text, #text, p{  
    color:#433F5C  
}
```

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 #433F5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433F5C
}
```

Border

The CSS property to change the border of an element to Hex 433F5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

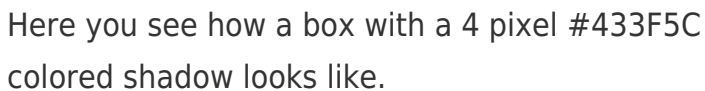
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433F5C }
```

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

```
.border{ border-color:#433F5C }
```

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



Here you see how a box with a 4 pixel #433F5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433F5C; -webkit-box-shadow:4px 4px  
4px 4px #433F5C; box-shadow:4px 4px 4px  
4px #433F5C }
```

Background

The CSS property to change the background color of an element to Hex 433F5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433F5C }
```

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

```
.background{ background-color:#433F5C }
```

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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