

Converting Colors

Hex(64433F)

Have a look what the booklet for
Hex(64433F) contains.

Hex(64433F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64433F)

Conversions

Conversions Part 1

Format	Color
Hex	64433F
RGB	100, 67, 63
RGB Percent	39%, 26%, 25%
CMY	0.6078, 0.7373, 0.7529
CMYK	0.00, 0.33, 0.37, 0.61
HSL	6°, 23%, 32%
HSV	6°, 37%, 39%
XYZ	8.1599, 7.0825, 5.6396
YIQ	76.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

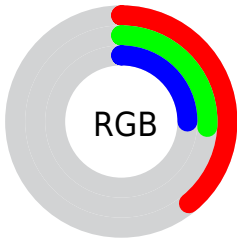
Format	Color
R_{YB}	100, 67, 63
Decimal	6570815
CIE _{Lab}	31.99, 13.70, 8.20
CIE _{LCh}	32, 15.966, 30.887
Yxy	7.0825, 0.3908, 0.3392
Android (android.graphics.Color)	4284760895 (0xFF64433F)
YUV	76.4110, -6.6116, 20.6876
Hunter-Lab	26.6130, 8.1577, 6.0648




Details

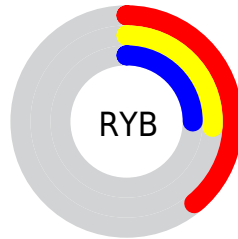
The Hex color **64433F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3F6064**, and the grayscale version is **4C4C4C**.




A 20% lighter version of the original color is **98736F**, and **341815** is the 20% darker color. If you saturate the color by 10%, you get **643A35**, and if you desaturate by 10%, it is **644C49**.

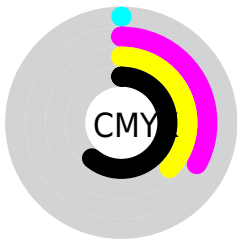
Distribution







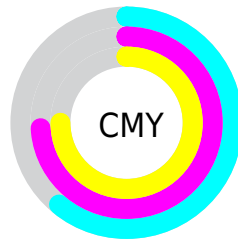
-  Red (39%)
-  Green (26%)
-  Blue (25%)






-  Red (39%)
-  Yellow (26%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (33%)
-  Yellow (37%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (74%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64433F 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 64433F by changing the saturation by 10% instead.



64433F



64433F

FFFFFF



4B2D29



98736F



341815



B38D88



200000



CFA7A2



000000



ECC3BD



FFDFD9



FFFBF5



64433F



64433F



643A35



644C49

■ 64312B

■ 645553

■ 642821

■ 645E5D

■ 641F17

■ 646767

■ 64160D

■ 647071

■ 640D03

■ 64797B

■ 640B00

■ 648185

■ 648A8F

■ 649399

Harmonies

Analogous

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



63424B



64433F



5E4636

Triad

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



64433F



38513F



3C4C64

Complementary

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



64433F



3F6064

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.



2B5061



64433F



2B524B

Square

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



64433F



464E35



245258



4E4861

Rectangle

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



64433F



584933



245258



364E64

Sweetspot

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



64433F



827574



643F60



423B3A



C2C2C2



424242

Same Dimension

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



64433F



824F49



64553F



332E2E



730C00



F21A00

Inverse Universe

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



3F6064



497C82



3F4E64



2E3233



006673



00D8F2

Previews

White Background



This preview shows how the Hex color 64433F looks on a white background.

Color Contrast Check

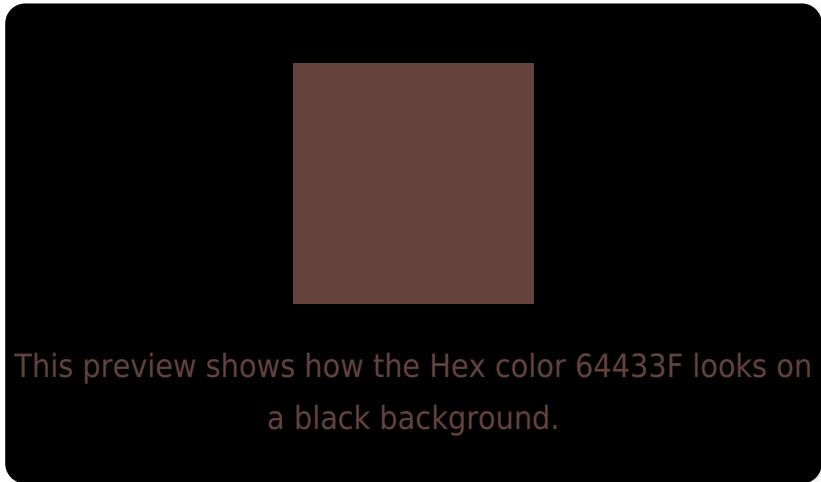
Large Text (above 18pt) WCAG AA ✓ Pass

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

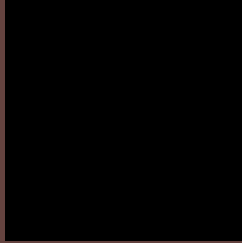
Any Text WCAG AA × Fail

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 64433F Background



This preview shows how black text looks on a background with the Hex color 64433F.

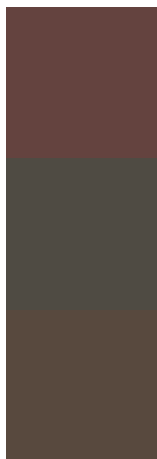


This preview shows how white text looks on a background with the Hex color 64433F.

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
64433F

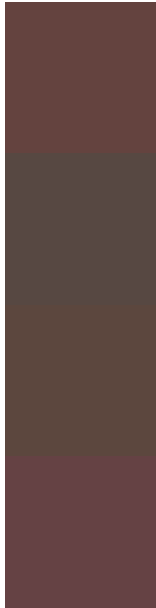
Protanopia
4F4B43

Deuteranopia
58493E



Tritanopia
654247

Trichromacy



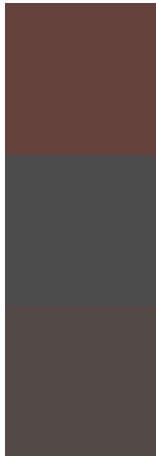
Original Color
64433F

Protanomaly
574842

Deuteranomaly
5C473E

Tritanomaly
654244

Monochromacy



Original Color
64433F

Achromatopsia
4C4C4C

Achromatomaly
554947

CSS Examples

Text

The CSS property to change the color of the text to Hex 64433F 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 #64433F looks like.

```
.text, #text, p{  
    color:#64433F  
}
```

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 #64433F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64433F
}
```

Border

The CSS property to change the border of an element to Hex 64433F is called "border". The border property can be set on classes, ids or directly on the HTML element.

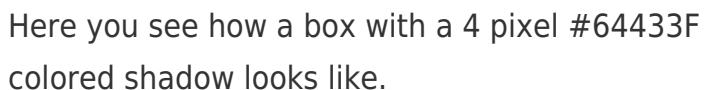
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64433F }
```

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

```
.border{ border-color:#64433F }
```

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



Here you see how a box with a 4 pixel #64433F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64433F; -webkit-box-shadow:4px 4px  
4px 4px #64433F; box-shadow:4px 4px 4px  
4px #64433F }
```

Background

The CSS property to change the background color of an element to Hex 64433F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64433F }
```

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

```
.background{ background-color:#64433F }
```

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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