

Converting Colors

Hex(663F46)

Have a look what the booklet for
Hex(663F46) contains.

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Color

Hex(663F46)

Conversions

Conversions Part 1

Format	Color
Hex	663F46
RGB	102, 63, 70
RGB Percent	40%, 25%, 27%
CMY	0.6000, 0.7529, 0.7255
CMYK	0.00, 0.38, 0.31, 0.60
HSL	349°, 24%, 32%
HSV	349°, 38%, 40%
XYZ	8.3625, 6.8220, 6.6704
YIQ	75.4590, 20.9970, 10.4450

Conversions

Conversions Part 2

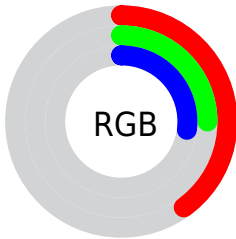
Format	Color
R_{YB}	102, 63, 70
Decimal	6700870
CIE _{Lab}	31.40, 18.08, 2.88
CIE _{LCh}	31, 18.309, 9.046
Yxy	6.8220, 0.3826, 0.3121
Android (android.graphics.Color)	4284890950 (0xFF663F46)
YUV	75.4590, -2.6913, 23.2765
Hunter-Lab	26.1189, 11.4421, 3.1415

Details

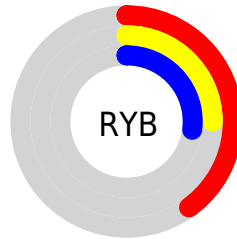
The Hex color **663F46** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3F665F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9A6F76**, and **35131B** is the 20% darker color. If you saturate the color by 10%, you get **66353E**, and if you desaturate by 10%, it is **66494E**.

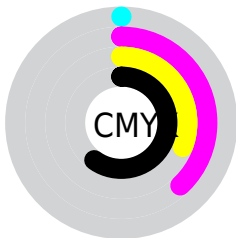
Distribution



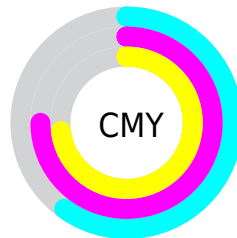
- Red (40%)
- Green (25%)
- Blue (27%)



- Red (40%)
- Yellow (25%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (31%)
- Black (60%)



- Cyan (60%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663F46 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 663F46 by changing the saturation by 10% instead.

■ 663F46

■ 663F46

FFFFFF

■ 4D2930

■ 9A6F76

■ 35131B

■ B58990

■ 230000

■ D1A3AA

■ 000000

■ EEBC6

■ FFDAE1

■ FFF7FE

■ 663F46

■ 663F46

■ 66353E

■ 66494E

 662B35

 665357

 66202D

 665E5F

 661625

 666867

 660C1C

 667270

 660214

 667C78

 660012

 668681

 669189

 669B91

Harmonies

Analogous

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



604054



663F46



654139

Triad

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



663F46



404E33



274E64

Complementary

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



663F46



3F665F

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.



18515B



663F46



2F513F

Square

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



663F46



4F4A2D



1E524E



3D4A66

Rectangle

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



663F46



604432



1E524E



204F62

Sweetspot

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



663F46



857679



5F3F66



423A3B



C2C2C2



424242

Same Dimension

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



663F46



854853



664B3F



332E2F



730015



F2002B

Inverse Universe

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



663F46



854853



3F5A66



332E2F



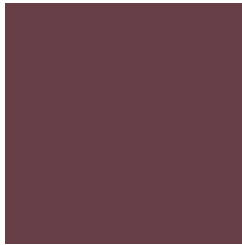
730015



F2002B

Previews

White Background



This preview shows how the Hex color 663F46 looks on a white background.

Color Contrast Check

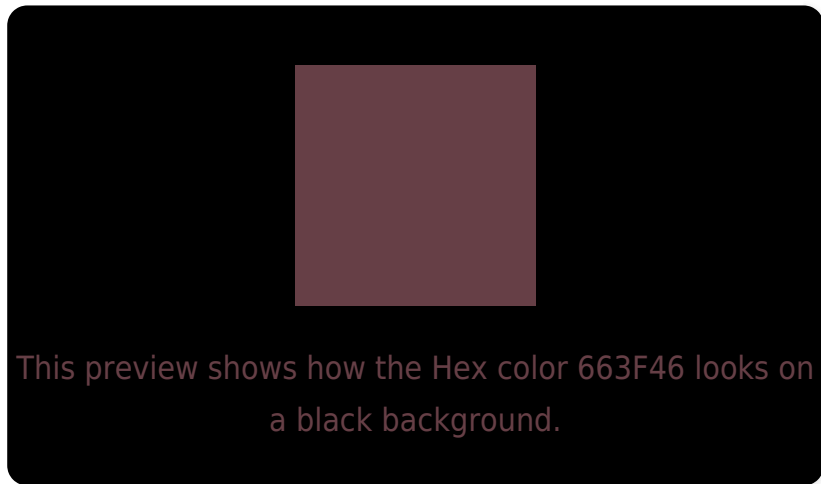
Large Text (above 18pt) WCAG AA ✓ Pass

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

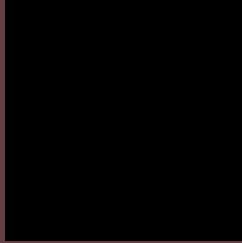
Any Text WCAG AA × Fail

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 663F46 Background



This preview shows how black text looks on a background with the Hex color 663F46.

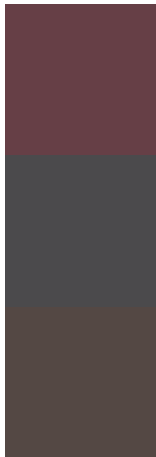


This preview shows how white text looks on a background with the Hex color 663F46.

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
663F46

Protanopia
4B4A4C

Deuteranopia
544844



Tritanopia
663F44

Trichromacy



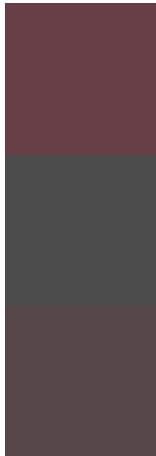
Original Color
663F46

Protanomaly
55464A

Deuteranomaly
5B4545

Tritanomaly
663F45

Monochromacy



Original Color
663F46

Achromatopsia
4B4B4B

Achromatomaly
554749

CSS Examples

Text

The CSS property to change the color of the text to Hex 663F46 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 #663F46 looks like.

```
.text, #text, p{  
    color:#663F46  
}
```

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 #663F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663F46
}
```

Border

The CSS property to change the border of an element to Hex 663F46 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".

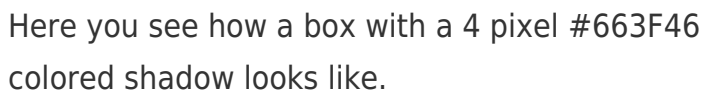
```
.border, #border, table{ border:4px solid
#663F46 }
```

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

```
.border{ border-color:#663F46 }
```

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

Here you see how a box with a 4 pixel #663F46 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #663F46 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663F46; -webkit-box-shadow:4px 4px  
4px 4px #663F46; box-shadow:4px 4px 4px  
4px #663F46 }
```

Background

The CSS property to change the background color of an element to Hex 663F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663F46 }
```

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

```
.background{ background-color:#663F46 }
```

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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