

Converting Colors

Hex(67332B)

Have a look what the booklet for
Hex(67332B) contains.

Hex(67332B)	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(67332B)

Conversions

Conversions Part 1

Format	Color
Hex	67332B
RGB	103, 51, 43
RGB Percent	40%, 20%, 17%
CMY	0.5961, 0.8000, 0.8314
CMYK	0.00, 0.50, 0.58, 0.60
HSL	8°, 41%, 29%
HSV	8°, 58%, 40%
XYZ	7.2134, 5.4256, 2.9526
YIQ	65.6360, 33.5600, 8.5360

Conversions

Conversions Part 2

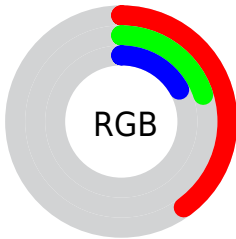
Format	Color
R_{YB}	103, 52, 43
Decimal	6763307
CIE _{Lab}	27.91, 22.40, 15.63
CIE _{LCh}	28, 27.317, 34.897
Yxy	5.4256, 0.4626, 0.3480
Android (android.graphics.Color)	4284953387 (0xFF67332B)
YUV	65.6360, -11.1595, 32.7682
Hunter-Lab	23.2930, 14.5153, 8.7896

Details

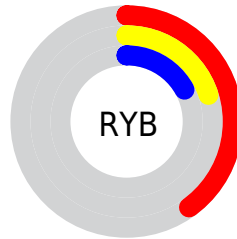
The Hex color **67332B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B5F67**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9D6359**, and **350600** is the 20% darker color. If you saturate the color by 10%, you get **672A21**, and if you desaturate by 10%, it is **673C35**.

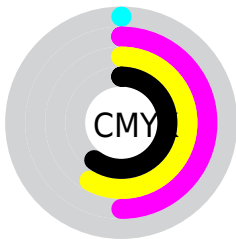
Distribution



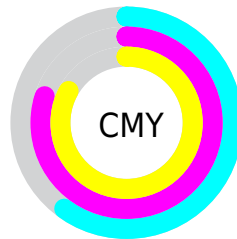
- Red (40%)
- Green (20%)
- Blue (17%)



- Red (40%)
- Yellow (20%)
- Blue (17%)



- Cyan (0%)
- Magenta (50%)
- Yellow (58%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67332B 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 67332B by changing the saturation by 10% instead.

 67332B

 67332B

FFFFFF

 4D1D16

 9D6359

 350600

 B97C71

 1A0001

 D5968A

 000000

 F3B1A5

 FFCCC0

 FFE9DC

 FFFFF8

 67332B

 67332B

■ 672A21

■ 673C35

■ 672116

■ 674540

■ 67180C

■ 674E4A

■ 670F02

■ 675754

■ 670E00

■ 67605F

■ 676969

■ 677173

■ 677A7D

■ 678388

Harmonies

Analogous

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



69303F



67332B



5C3A1C

Triad

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



67332B



174B2F



22436C

Complementary

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



67332B



2B5F67

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.



004968



67332B



004C45

Square

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



67332B



35481E



004C59



483B64

Rectangle

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



67332B



514017



004C59



0B456C

Sweetspot

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



67332B



877370



672B5F



453937



C4C4C4



454545

Same Dimension

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



67332B



873529



67512B



332F2E



730F00



F22000

Inverse Universe

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



2B5F67



297B87



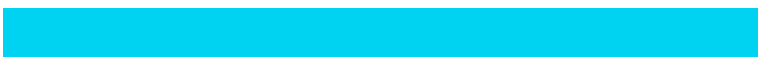
2B4167



2E3233



006373



00D2F2

Previews

White Background



This preview shows how the Hex color 67332B looks on a white background.

Color Contrast Check

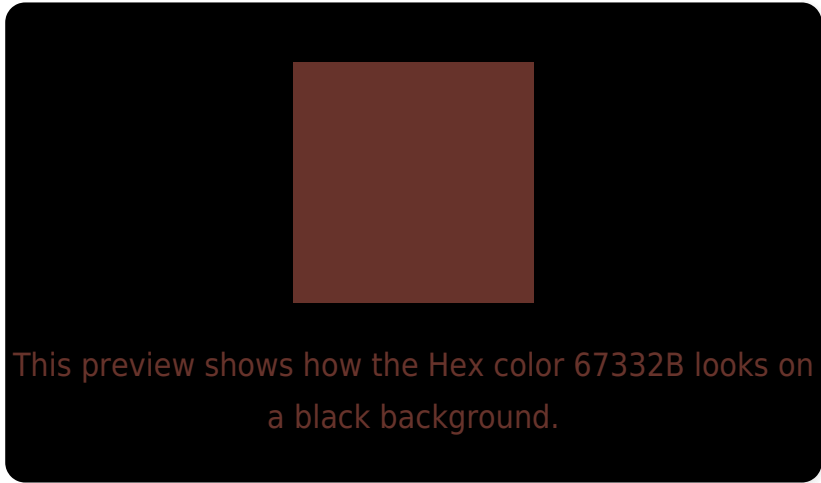
Large Text (above 18pt) WCAG AA ✓ Pass

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 67332B Background



This preview shows how black text looks on a background with the Hex color 67332B.

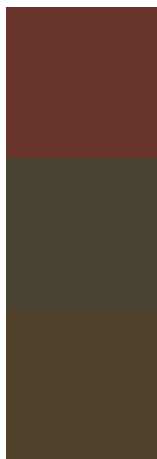


This preview shows how white text looks on a background with the Hex color 67332B.

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
67332B

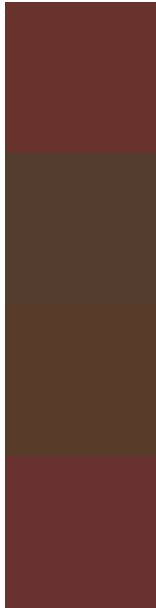
Protanopia
474231

Deuteranopia
514029



Tritanopia
683235

Trichromacy



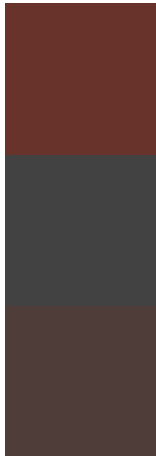
Original Color
67332B

Protanomaly
533D2F

Deuteranomaly
593B2A

Tritanomaly
683231

Monochromacy



Original Color
67332B

Achromatopsia
424242

Achromatomaly
4F3D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 67332B 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 #67332B looks like.

```
.text, #text, p{  
    color:#67332B  
}
```

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 #67332B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67332B
}
```

Border

The CSS property to change the border of an element to Hex 67332B 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".

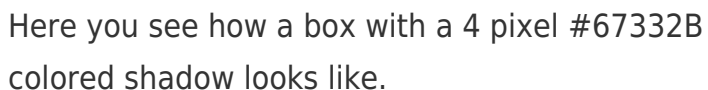
```
.border, #border, table{ border:4px solid
#67332B }
```

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

```
.border{ border-color:#67332B }
```

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

Here you see how a box with a 4 pixel #67332B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67332B; -webkit-box-shadow:4px 4px  
4px 4px #67332B; box-shadow:4px 4px 4px  
4px #67332B }
```

Background

The CSS property to change the background color of an element to Hex 67332B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67332B }
```

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

```
.background{ background-color:#67332B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor