

# Converting Colors

Hex(63362C)

Have a look what the booklet for  
Hex(63362C) contains.

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**Color**

**Hex(63362C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63362C
RGB	99, 54, 44
RGB Percent	39%, 21%, 17%
CMY	0.6118, 0.7882, 0.8275
CMYK	0.00, 0.45, 0.56, 0.61
HSL	11°, 38%, 28%
HSV	11°, 56%, 39%
XYZ	6.9194, 5.4728, 3.0745
YIQ	66.3150, 30.0300, 6.4300

# Conversions

## Conversions Part 2

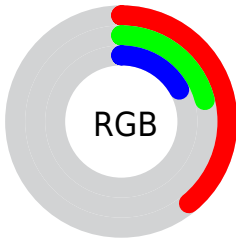
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 56, 44
Decimal	6501932
CIELab	28.04, 18.94, 15.03
CIELCh	28, 24.181, 38.433
Yxy	5.4728, 0.4474, 0.3538
Android (android.graphics.Color)	4284692012 (0xFF63362C)
YUV	66.3150, -11.0013, 28.6647
Hunter-Lab	23.3941, 11.8561, 8.5837

# Details

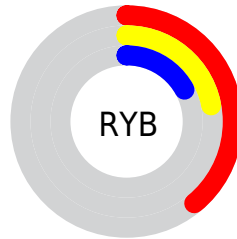
The Hex color **63362C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C5963**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **98655A**, and **320A00** is the 20% darker color. If you saturate the color by 10%, you get **632E22**, and if you desaturate by 10%, it is **633E36**.

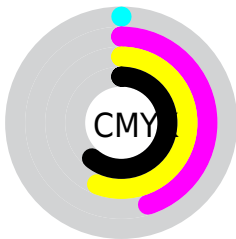
# Distribution



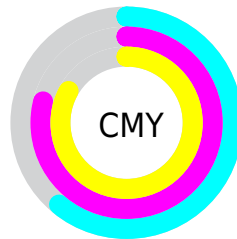
- Red (39%)
- Green (21%)
- Blue (17%)



- Red (39%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (45%)
- Yellow (56%)
- Black (61%)



- Cyan (61%)
- Magenta (79%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63362C 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 63362C by changing the saturation by 10% instead.





63362C



63362C

FFFFFF



4A2017



98655A



320A00



B47F72



170000



D0998C



000000



EDB4A6



FFCFC1



FFECDD



FFFFFFA



63362C



63362C

■ 632E22

■ 633E36

■ 632618

■ 634640

■ 631E0E

■ 634E4A

■ 631604

■ 635654

■ 631200

■ 635F5E

■ 636767

■ 636F71

■ 63777B

■ 637F85

# Harmonies

## Analogous

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



65333E



63362C



593C20

# Triad

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



63362C



1B4B34



2D4267

# Complementary

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



63362C



2C5963

# 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.



004864



63362C



004C47

# Square

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



63362C



344824



004B59



4B3B5F

# Rectangle

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



63362C



4E411C



004B59



204467



# Sweetspot

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



63362C



806E6A



632C5A



403533



BFBFBF



404040



# Same Dimension

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



63362C



803A2A



63512C



302C2C



701400



F02C00



# Inverse Universe

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



2C5963



2A7080



2C3E63



2C3030



005C70



00C4F0



# Previews

## White Background



This preview shows how the Hex color 63362C looks on a white background.

## Color Contrast Check

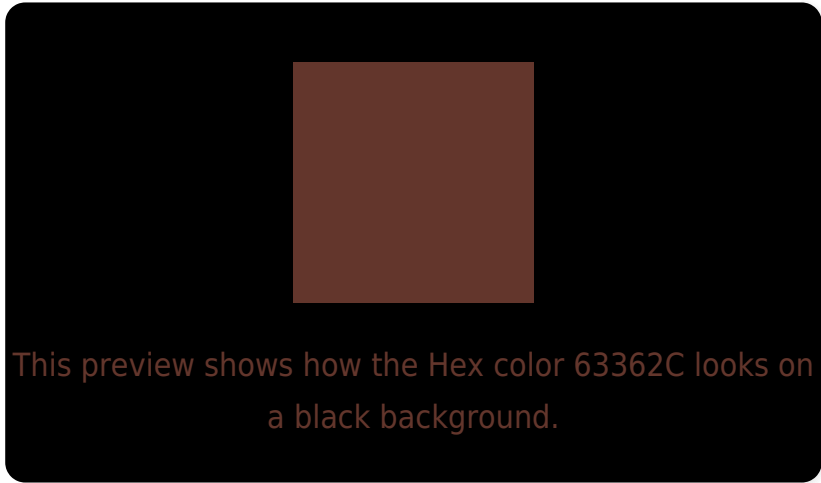
Large Text (above 18pt) WCAG AA ✓ Pass

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

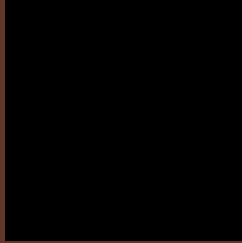
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63362C Background



This preview shows how black text looks on a background with the Hex color 63362C.

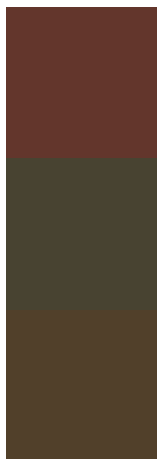


This preview shows how white text looks on a background with the Hex color 63362C.

# 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**  
63362C

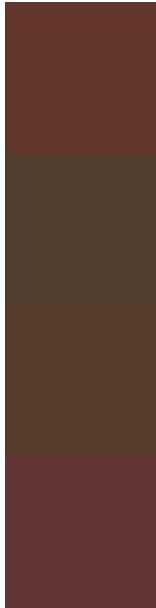
**Protanopia**  
484331

**Deuteranopia**  
51402A



**Tritanopia**  
643438

# Trichromacy



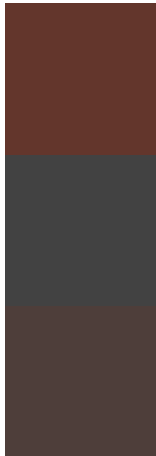
**Original Color**  
63362C

**Protanomaly**  
523E2F

**Deuteranomaly**  
583C2B

**Tritanomaly**  
643534

# Monochromacy



**Original Color**  
63362C

**Achromatopsia**  
424242

**Achromatomaly**  
4E3E3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63362C 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 #63362C looks like.

```
.text, #text, p{  
    color:#63362C  
}
```

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 #63362C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63362C
}
```

## Border

The CSS property to change the border of an element to Hex 63362C is called "border". The border property can be set on classes, ids or directly on the HTML element.

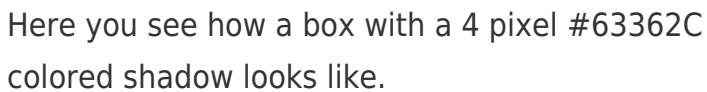
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63362C }
```

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

```
.border{ border-color:#63362C }
```

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



Here you see how a box with a 4 pixel #63362C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63362C; -webkit-box-shadow:4px 4px  
4px 4px #63362C; box-shadow:4px 4px 4px  
4px #63362C }
```

# Background

The CSS property to change the background color of an element to Hex 63362C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63362C }
```

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

```
.background{ background-color:#63362C }
```

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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