

# Converting Colors

Hex(632338)

Have a look what the booklet for  
Hex(632338) contains.

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**Color**

**Hex(632338)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	632338
RGB	99, 35, 56
RGB Percent	39%, 14%, 22%
CMY	0.6118, 0.8627, 0.7804
CMYK	0.00, 0.65, 0.43, 0.61
HSL	340°, 48%, 26%
HSV	340°, 65%, 39%
XYZ	6.4604, 4.1402, 4.2000
YIQ	56.5300, 31.4030, 20.0990

# Conversions

## Conversions Part 2

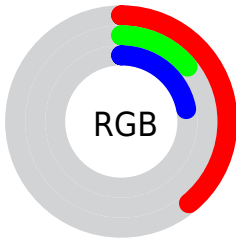
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 35, 56
Decimal	6497080
CIELab	24.13, 31.08, 1.61
CIELCh	24, 31.122, 2.971
Yxy	4.1402, 0.4365, 0.2797
Android (android.graphics.Color)	4284687160 (0xFF632338)
YUV	56.5300, -0.2613, 37.2462
Hunter-Lab	20.3476, 21.0662, 2.0050




# Details

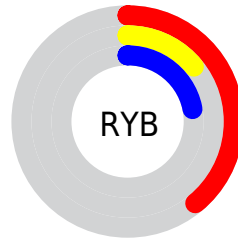
The Hex color **632338** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23634E**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **995367**, and **32000C** is the 20% darker color. If you saturate the color by 10%, you get **631931**, and if you desaturate by 10%, it is **632D3F**.

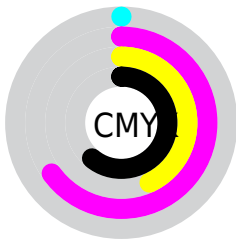
# Distribution







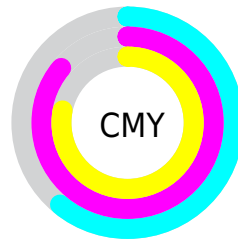
-  Red (39%)
-  Green (14%)
-  Blue (22%)






-  Red (39%)
-  Yellow (14%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (65%)
-  Yellow (43%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (86%)
-  Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 632338 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 632338 by changing the saturation by 10% instead.



 632338

 632338

FFFFFF

 490923

 995367

 32000C

 B46C80

 0E0000

 D1869A

 000000

 EEA1B4

 FFBCD0

 FFD8EC

 FFF5FF

 632338

 632338

■ 631931

■ 632D3F

■ 630F2B

■ 633745

■ 630524

■ 63414C

■ 630020

■ 634B53

■ 635559

■ 635E60

■ 636867

■ 63726D

■ 637C74

# Harmonies

## Analogous

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



57284F



632338



622721

# Triad

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



632338



2B3F0F



004163

# Complementary

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



632338



23634E

# 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.



004452



632338



024323

# Square

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



632338



433905



00443B



003B68

# Rectangle

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



632338



5B2D14



00443B



00435E



# Sweetspot

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



632338



80676F



4E2363



403136



BFBFBF



404040



# Same Dimension

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



632338



801C3D



632E23



302C2D



700025



F0004F



# Inverse Universe

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



632338



801C3D



235863



302C2D



700025

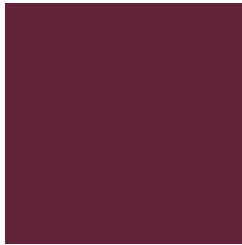


F0004F



# Previews

## White Background



This preview shows how the Hex color 632338 looks on a white background.

## Color Contrast Check

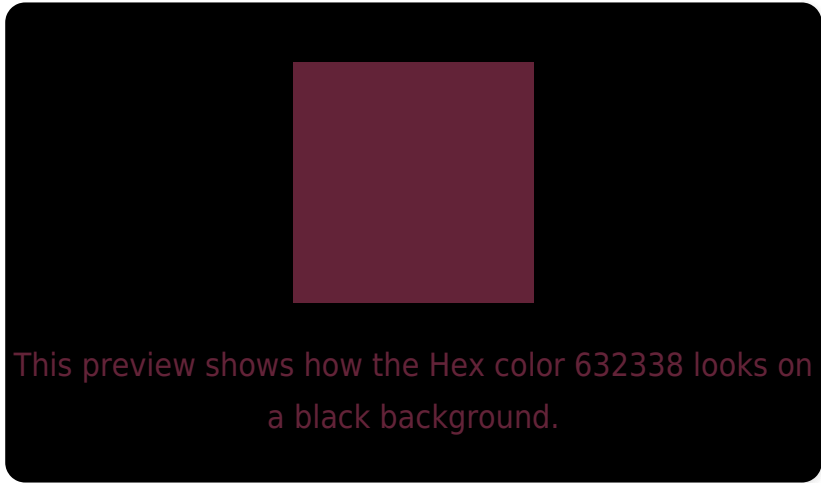
Large Text (above 18pt) WCAG AA ✓ Pass

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

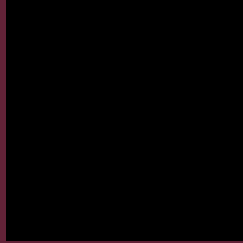
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 632338 Background



This preview shows how black text looks on a background with the Hex color 632338.



This preview shows how white text looks on a background with the Hex color 632338.

# 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**  
632338

**Protanopia**  
383A45

**Deuteranopia**  
423835



**Tritanopia**  
622629

# Trichromacy



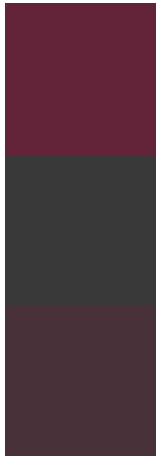
**Original Color**  
632338

**Protanomaly**  
483240

**Deuteranomaly**  
4E3036

**Tritanomaly**  
62252E

# Monochromacy



**Original Color**  
632338

**Achromatopsia**  
393939

**Achromatomaly**  
483139

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 632338 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 #632338 looks like.

```
.text, #text, p{  
    color:#632338  
}
```

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 #632338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632338
}
```

## Border

The CSS property to change the border of an element to Hex 632338 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".

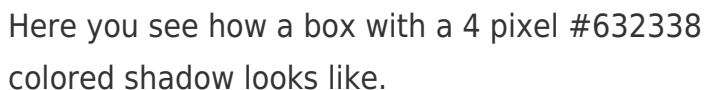
```
.border, #border, table{ border:4px solid
#632338 }
```

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

```
.border{ border-color:#632338 }
```

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

Here you see how a box with a 4 pixel #632338 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632338; -webkit-box-shadow:4px 4px  
4px 4px #632338; box-shadow:4px 4px 4px  
4px #632338 }
```

# Background

The CSS property to change the background color of an element to Hex 632338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632338 }
```

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

```
.background{ background-color:#632338 }
```

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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