

# Converting Colors

Hex(632240)

Have a look what the booklet for  
Hex(632240) contains.

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# Color

**Hex(632240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	632240
RGB	99, 34, 64
RGB Percent	39%, 13%, 25%
CMY	0.6118, 0.8667, 0.7490
CMYK	0.00, 0.66, 0.35, 0.61
HSL	332°, 49%, 26%
HSV	332°, 66%, 39%
XYZ	6.6430, 4.1669, 5.3046
YIQ	56.8550, 29.1100, 23.1100

# Conversions

## Conversions Part 2

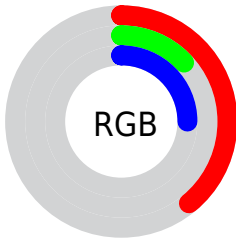
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	99, 34, 64
Decimal	6496832
CIE <sub>Lab</sub>	24.22, 32.62, -3.71
CIE <sub>LCh</sub>	24, 32.825, 353.513
Yxy	4.1669, 0.4122, 0.2586
Android (android.graphics.Color)	4284686912 (0xFF632240)
YUV	56.8550, 3.5225, 36.9612
Hunter-Lab	20.4129, 22.3672, -1.1185

# Details

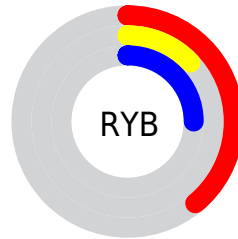
The Hex color **632240** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **226345**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **985370**, and **320016** is the 20% darker color. If you saturate the color by 10%, you get **63183B**, and if you desaturate by 10%, it is **632C45**.

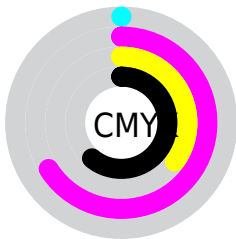
# Distribution



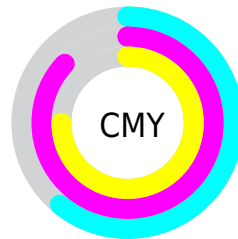
- Red (39%)
- Green (13%)
- Blue (25%)



- Red (39%)
- Yellow (13%)
- Blue (25%)



- Cyan (0%)
- Magenta (66%)
- Yellow (35%)
- Black (61%)



- Cyan (61%)
- Magenta (87%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 632240 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 632240 by changing the saturation by 10% instead.



632240

632240

FFFFFF

49082A

985370

320016

B46C89

120000

D086A3

000000

EDA0BE

FFBCDA

FFD8F7

FFF5FF

632240

632240

■ 63183B

■ 632C45

■ 630E35

■ 63364B

■ 630430

■ 634050

■ 63002E

■ 634A55

■ 63545B

■ 635D60

■ 636765

■ 63716B

■ 637B70

# Harmonies

## Analogous

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



522A57



632240



652327

# Triad

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



632240



333E06



004361

# Complementary

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



632240



226345

# 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.



00454D



632240



11431A

# Square

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



632240



4B3602



004533



003E6B

# Rectangle

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



632240



602919



004533



00445B



# Sweetspot

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



632240



806672



452263



403038



BFBFBF



404040



# Same Dimension

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



632240



801B49



632422



302C2E



700034



F0006F



# Inverse Universe

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



632240



801B49



226163



302C2E



700034

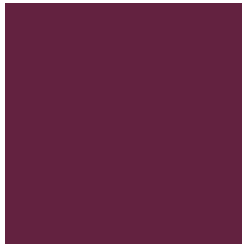


F0006F



# Previews

## White Background



This preview shows how the Hex color 632240 looks on a white background.

## Color Contrast Check

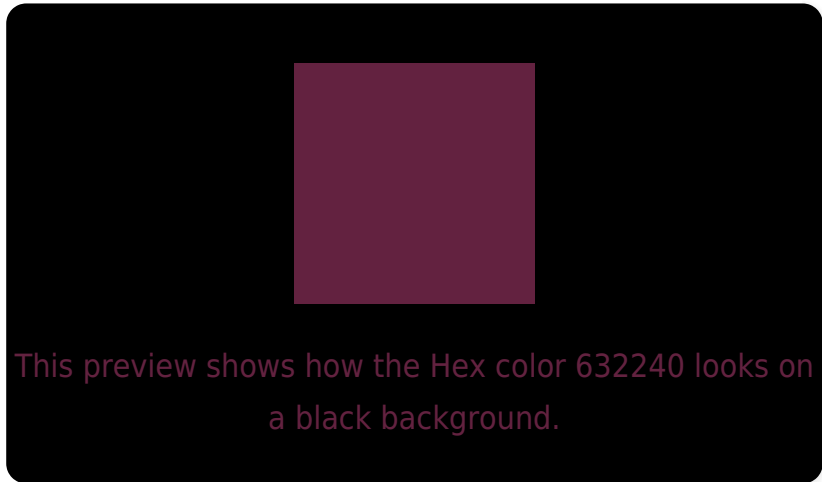
Large Text (above 18pt) WCAG AA ✓ Pass

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

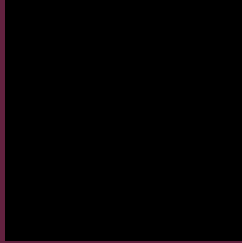
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 632240 Background



This preview shows how black text looks on a background with the Hex color 632240.



This preview shows how white text looks on a background with the Hex color 632240.

# 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**  
632240

**Protanopia**  
343A50

**Deuteranopia**  
3F393D



**Tritanopia**  
61272A

# Trichromacy



**Original Color**  
632240

**Protanomaly**  
45314A

**Deuteranomaly**  
4C313E

**Tritanomaly**  
622532

# Monochromacy



**Original Color**  
632240

**Achromatopsia**  
393939

**Achromatomaly**  
48313C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 632240 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 #632240 looks like.

```
.text, #text, p{  
    color:#632240  
}
```

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 #632240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632240
}
```

## Border

The CSS property to change the border of an element to Hex 632240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

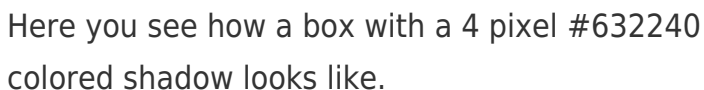
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#632240 }
```

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

```
.border{ border-color:#632240 }
```

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



Here you see how a box with a 4 pixel #632240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632240; -webkit-box-shadow:4px 4px  
4px 4px #632240; box-shadow:4px 4px 4px  
4px #632240 }
```

# Background

The CSS property to change the background color of an element to Hex 632240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632240 }
```

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

```
.background{ background-color:#632240 }
```

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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