

# Converting Colors

Hex(632341)

Have a look what the booklet for  
Hex(632341) contains.

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# Color

**Hex(632341)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	632341
RGB	99, 35, 65
RGB Percent	39%, 14%, 25%
CMY	0.6118, 0.8627, 0.7451
CMYK	0.00, 0.65, 0.34, 0.61
HSL	332°, 48%, 26%
HSV	332°, 65%, 39%
XYZ	6.7008, 4.2364, 5.4656
YIQ	57.5560, 28.5140, 22.8980

# Conversions

## Conversions Part 2

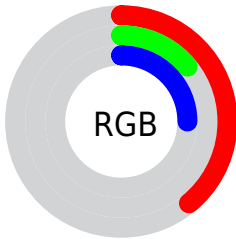
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 35, 65
Decimal	6497089
CIE Lab	24.44, 32.25, -4.06
CIE LCh	24, 32.506, 352.831
Yxy	4.2364, 0.4085, 0.2583
Android (android.graphics.Color)	4284687169 (0xFF632341)
YUV	57.5560, 3.6699, 36.3464
Hunter-Lab	20.5824, 22.0927, -1.3364

# Details

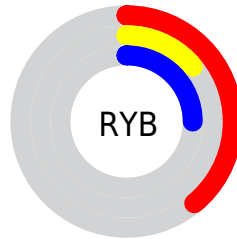
The Hex color **632341** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **236345**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **985471**, and **320017** is the 20% darker color. If you saturate the color by 10%, you get **63193C**, and if you desaturate by 10%, it is **632D46**.

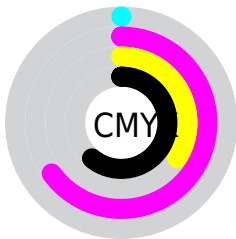
# Distribution



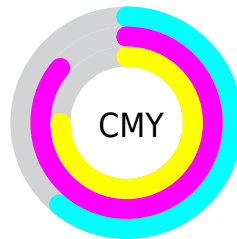
- Red (39%)
- Green (14%)
- Blue (25%)



- Red (39%)
- Yellow (14%)
- Blue (25%)



- Cyan (0%)
- Magenta (65%)
- Yellow (34%)
- Black (61%)



- Cyan (61%)
- Magenta (86%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 632341 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 632341 by changing the saturation by 10% instead.



632341

632341

FFFFFF

4A092B

985471

320017

B46D8A

130000

D087A4

000000

EDA1C0

FFBDD8

FFD9F8

FFF6FF

632341

632341

63193C

632D46

630F36

63374C

630531

634151

63002E

634B56

63555B

635E61

636866

63726B

637C70

# Harmonies

## Analogous

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



522B58



632341



662429

# Triad

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



632341



343E07



004461

# Complementary

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



632341



236345

# 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.



00464C



632341



14431B

# Square

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



632341



4B3704



004533



003F6B

# Rectangle

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



632341



612A1A



004533



00455B



# Sweetspot

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



632341



806773



442363



403138



BFBFBF



404040



# Same Dimension

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



632341



801C4B



632423



302C2E



700035



F00070



# Inverse Universe

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



632341



801C4B



236263



302C2E



700035

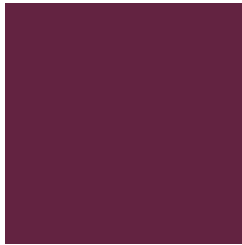


F00070



# Previews

## White Background



This preview shows how the Hex color 632341 looks on a white background.

## Color Contrast Check

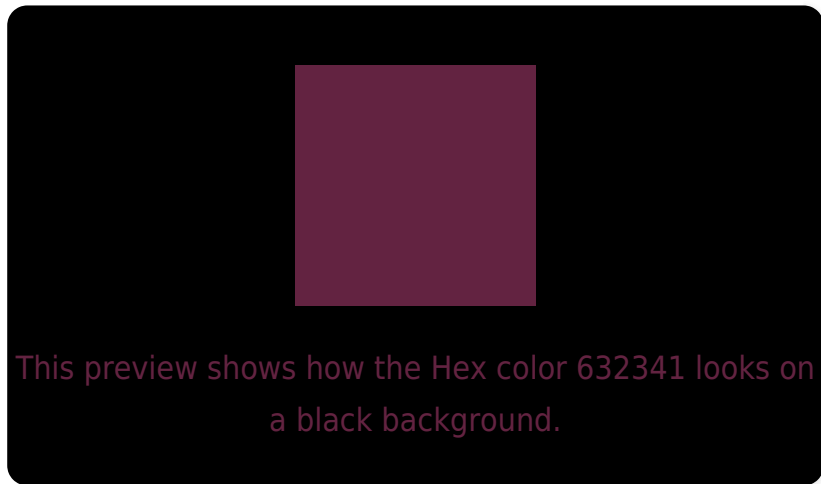
Large Text (above 18pt) WCAG AA ✓ Pass

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

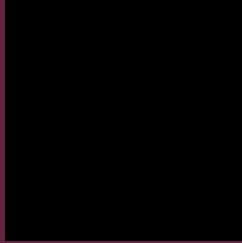
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 632341 Background



This preview shows how black text looks on a background with the Hex color 632341.



This preview shows how white text looks on a background with the Hex color 632341.

# 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**  
632341

**Protanopia**  
353A51

**Deuteranopia**  
40393E



**Tritanopia**  
61282B

# Trichromacy



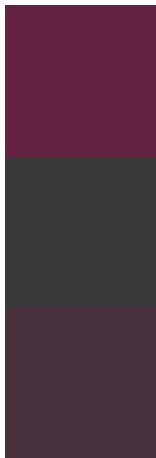
**Original Color**  
632341

**Protanomaly**  
46324B

**Deuteranomaly**  
4D313F

**Tritanomaly**  
622633

# Monochromacy



**Original Color**  
632341

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
49323D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 632341 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 #632341 looks like.

```
.text, #text, p{  
    color:#632341  
}
```

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 #632341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632341
}
```

## Border

The CSS property to change the border of an element to Hex 632341 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
#632341 }
```

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

```
.border{ border-color:#632341 }
```

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

Here you see how a box with a 4 pixel #632341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632341; -webkit-box-shadow:4px 4px  
4px 4px #632341; box-shadow:4px 4px 4px  
4px #632341 }
```

# Background

The CSS property to change the background color of an element to Hex 632341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632341 }
```

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

```
.background{ background-color:#632341 }
```

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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