

# Converting Colors

Hex(632346)

Have a look what the booklet for  
Hex(632346) contains.

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# Color

**Hex(632346)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	632346
RGB	99, 35, 70
RGB Percent	39%, 14%, 27%
CMY	0.6118, 0.8627, 0.7255
CMYK	0.00, 0.65, 0.29, 0.61
HSL	327°, 48%, 26%
HSV	327°, 65%, 39%
XYZ	6.8521, 4.2969, 6.2626
YIQ	58.1260, 26.9090, 24.4530

# Conversions

## Conversions Part 2

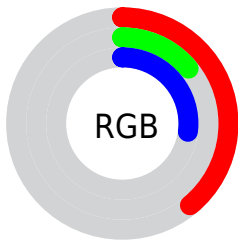
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 35, 70
Decimal	6497094
CIE <sub>Lab</sub>	24.63, 32.97, -7.15
CIE <sub>LCh</sub>	25, 33.735, 347.762
Yxy	4.2969, 0.3935, 0.2468
Android (android.graphics.Color)	4284687174 (0xFF632346)
YUV	58.1260, 5.8539, 35.8465
Hunter-Lab	20.7290, 22.7287, -3.4023

# Details

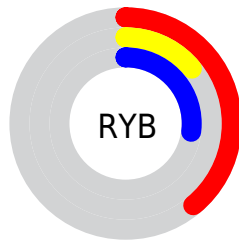
The Hex color **632346** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **236340**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **985476**, and **32001B** is the 20% darker color. If you saturate the color by 10%, you get **631942**, and if you desaturate by 10%, it is **632D4A**.

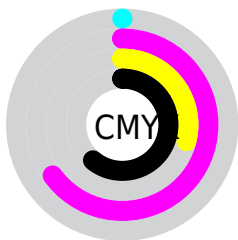
# Distribution



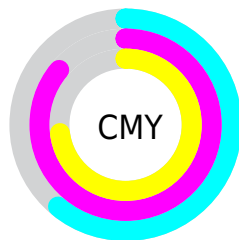
- Red (39%)
- Green (14%)
- Blue (27%)



- Red (39%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (65%)
- Yellow (29%)
- Black (61%)



- Cyan (61%)
- Magenta (86%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 632346 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 632346 by changing the saturation by 10% instead.



 632346

 632346

FFFFFF

 4A0930

 985476

 32001B

 B46D90

 160000

 D087AA

 000000

 EDA2C6

 FFBDE2

 FFD9FE

 FFF6FF

 632346

 632346

631942

632D4A

630F3D

63374F

630539

634153

630036

634B58

63555C

635E61

636865

63726A

637C6E

# Harmonies

## Analogous

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



4F2D5D



632346



68222C

# Triad

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



632346



393E03



004560

# Complementary

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



632346



236340

# 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.



004649



632346



1A4316

# Square

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



632346



503603



00462F



00406C

# Rectangle

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



632346



64271D



00462F



004659



# Sweetspot

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



632346



806775



402363



403139



BFBFBF



404040



# Same Dimension

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



632346



801C52



632326



302C2E



70003D



F00083



# Inverse Universe

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



632346



801C52



236360



302C2E



70003D

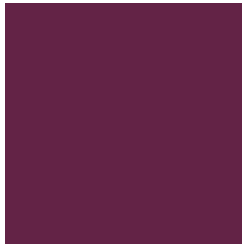


F00083



# Previews

## White Background



This preview shows how the Hex color 632346 looks on a white background.

## Color Contrast Check

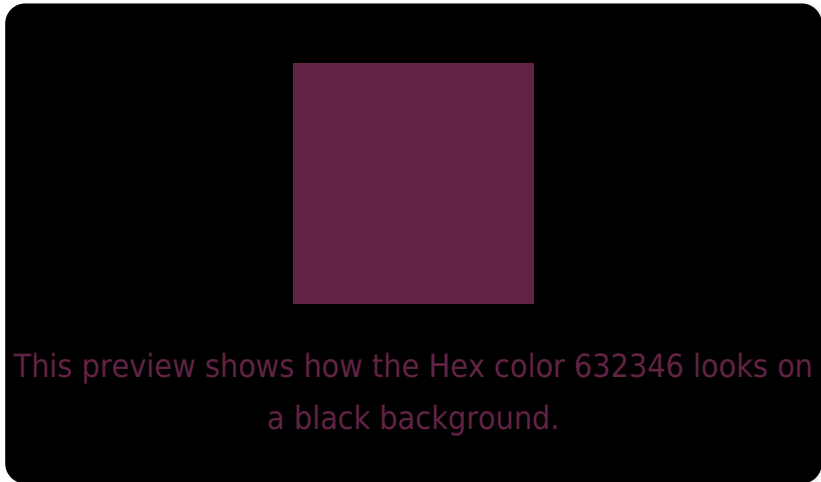
Large Text (above 18pt) WCAG AA ✓ Pass

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

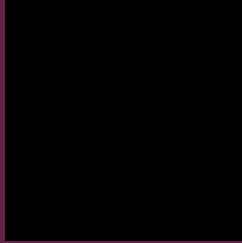
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 632346 Background



This preview shows how black text looks on a background with the Hex color 632346.



This preview shows how white text looks on a background with the Hex color 632346.

# 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**  
632346

**Protanopia**  
323B57

**Deuteranopia**  
3E3A43



**Tritanopia**  
61292C

# Trichromacy



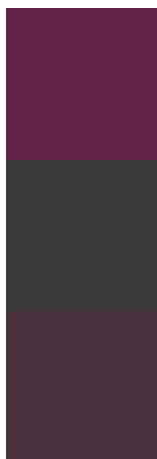
**Original Color**  
632346

**Protanomaly**  
443251

**Deuteranomaly**  
4B3244

**Tritanomaly**  
622735

# Monochromacy



**Original Color**  
632346

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
49323E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 632346 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 #632346 looks like.

```
.text, #text, p{  
    color:#632346  
}
```

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 #632346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632346
}
```

## Border

The CSS property to change the border of an element to Hex 632346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

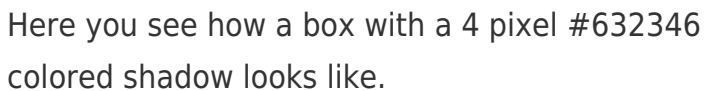
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#632346 }
```

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

```
.border{ border-color:#632346 }
```

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



Here you see how a box with a 4 pixel #632346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632346; -webkit-box-shadow:4px 4px  
4px 4px #632346; box-shadow:4px 4px 4px  
4px #632346 }
```

# Background

The CSS property to change the background color of an element to Hex 632346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632346 }
```

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

```
.background{ background-color:#632346 }
```

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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