

# Converting Colors

Hex(63272B)

Have a look what the booklet for  
Hex(63272B) contains.

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# Color

**Hex(63272B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63272B
RGB	99, 39, 43
RGB Percent	39%, 15%, 17%
CMY	0.6118, 0.8471, 0.8314
CMYK	0.00, 0.61, 0.57, 0.61
HSL	356°, 43%, 27%
HSV	356°, 61%, 39%
XYZ	6.3072, 4.2781, 2.7788
YIQ	57.3960, 34.4760, 13.9640

# Conversions

## Conversions Part 2

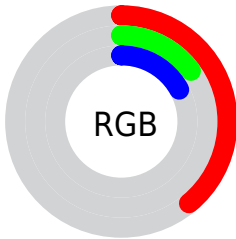
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 39, 43
Decimal	6498091
CIELab	24.57, 27.55, 11.06
CIELCh	25, 29.693, 21.878
Yxy	4.2781, 0.4719, 0.3201
Android (android.graphics.Color)	4284688171 (0xFF63272B)
YUV	57.3960, -7.0972, 36.4867
Hunter-Lab	20.6836, 18.2347, 6.5129

# Details

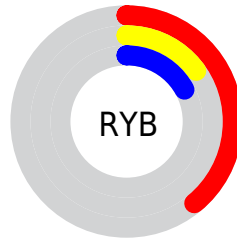
The Hex color **63272B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **27635F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **995758**, and **310000** is the 20% darker color. If you saturate the color by 10%, you get **631D22**, and if you desaturate by 10%, it is **633134**.

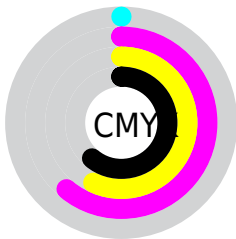
# Distribution



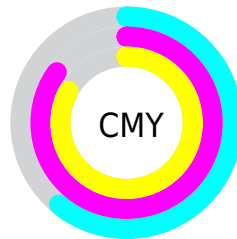
- Red (39%)
- Green (15%)
- Blue (17%)



- Red (39%)
- Yellow (15%)
- Blue (17%)



- Cyan (0%)
- Magenta (61%)
- Yellow (57%)
- Black (61%)



- Cyan (61%)
- Magenta (85%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63272B 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 63272B by changing the saturation by 10% instead.



 63272B

 63272B

FFFFFF

 490F17

 995758

 310000

 B57071

 0B0000

 D18A8A

 000000

 EFA4A4

 FFC0BF

 FFDCDB

 FFF8F8

 63272B

 63272B

■ 631D22

■ 633134

■ 631319

■ 633B3D

■ 63090F

■ 634547

■ 630007

■ 634F50

■ 635959

■ 636262

■ 636C6C

■ 637675

■ 63807E

# Harmonies

## Analogous

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



602641



63272B



5B2E18

# Triad

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



63272B



1A431D



003F67

# Complementary

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



63272B



27635F

# 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.



00435D



63272B



004533

# Square

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



63272B



363E0D



00454A



303764

# Rectangle

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



63272B



51340E



00454A



004165



# Sweetspot

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



63272B



80696A



5F2763



403233



BFBFBF



404040



# Same Dimension

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



63272B



802229



634127



302C2C



700007



F00010



# Inverse Universe

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



63272B



802229



274963



302C2C



700007

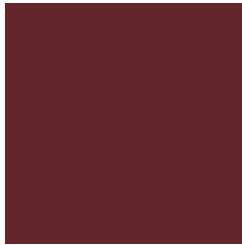


F00010



# Previews

## White Background



This preview shows how the Hex color 63272B looks on a white background.

## Color Contrast Check

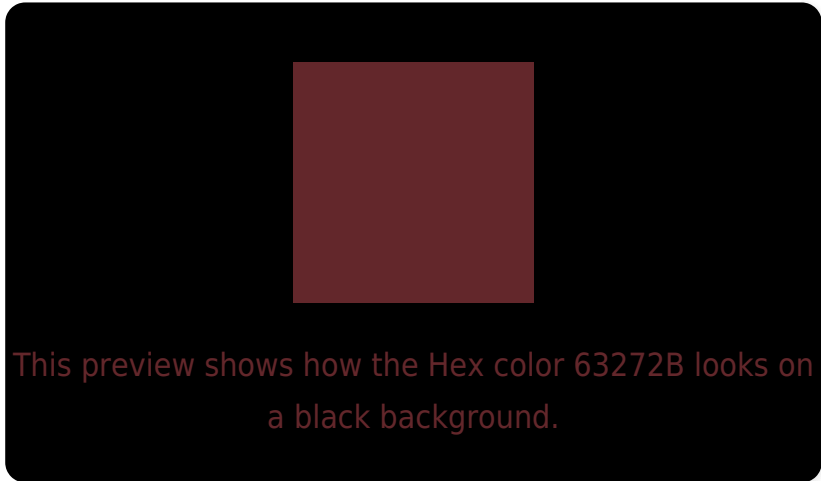
Large Text (above 18pt) WCAG AA ✓ Pass

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

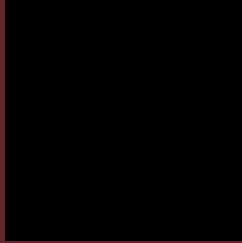
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 63272B Background



This preview shows how black text looks on a background with the Hex color 63272B.



This preview shows how white text looks on a background with the Hex color 63272B.

# 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**  
63272B

**Protanopia**  
3E3B34

**Deuteranopia**  
473928



**Tritanopia**  
63272A

# Trichromacy



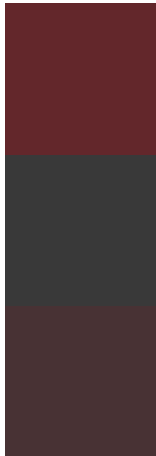
**Original Color**  
63272B

**Protanomaly**  
4B3431

**Deuteranomaly**  
513229

**Tritanomaly**  
63272A

# Monochromacy



**Original Color**  
63272B

**Achromatopsia**  
393939

**Achromatomaly**  
483234

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63272B 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 #63272B looks like.

```
.text, #text, p{  
    color:#63272B  
}
```

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 #63272B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63272B }  
}
```

## Border

The CSS property to change the border of an element to Hex 63272B 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".

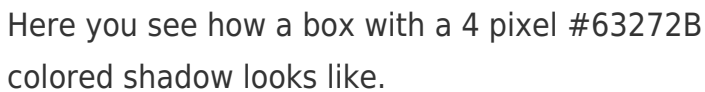
```
.border, #border, table{ border:4px solid #63272B }  
}
```

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

```
.border{ border-color:#63272B }
```

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

Here you see how a box with a 4 pixel #63272B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #63272B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63272B; -webkit-box-shadow:4px 4px  
4px 4px #63272B; box-shadow:4px 4px 4px  
4px #63272B }
```

# Background

The CSS property to change the background color of an element to Hex 63272B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63272B }
```

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

```
.background{ background-color:#63272B }
```

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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