

# Converting Colors

Hex(632918)

Have a look what the booklet for  
Hex(632918) contains.

<b>Hex(632918)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(632918)**

# Conversions

## Conversions Part 1

Format	Color
Hex	632918
RGB	99, 41, 24
RGB Percent	39%, 16%, 9%
CMY	0.6118, 0.8392, 0.9059
CMYK	0.00, 0.59, 0.76, 0.61
HSL	14°, 61%, 24%
HSV	14°, 76%, 39%
XYZ	6.1034, 4.3045, 1.3733
YIQ	56.4040, 40.0250, 7.0090

# Conversions

## Conversions Part 2

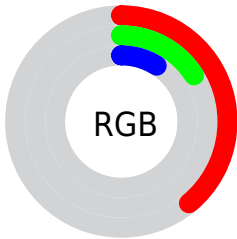
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 46, 24
Decimal	6498584
CIELab	24.65, 24.99, 23.54
CIELCh	25, 34.331, 43.282
Yxy	4.3045, 0.5181, 0.3654
Android (android.graphics.Color)	4284688664 (0xFF632918)
YUV	56.4040, -15.9752, 37.3567
Hunter-Lab	20.7472, 16.2033, 10.5985

# Details

The Hex color **632918** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **185263**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **9A5844**, and **2F0000** is the 20% darker color. If you saturate the color by 10%, you get **63210E**, and if you desaturate by 10%, it is **633122**.

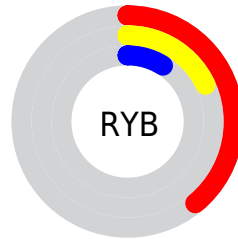
# Distribution



Red (39%)

Green (16%)

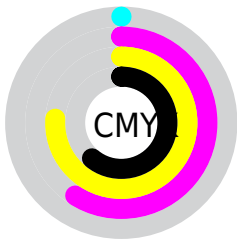
Blue (9%)



Red (39%)

Yellow (18%)

Blue (9%)

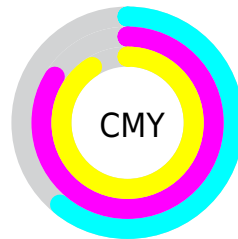


Cyan (0%)

Magenta (59%)

Yellow (76%)

Black (61%)



Cyan (61%)

Magenta (84%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 632918 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 632918 by changing the saturation by 10% instead.



 632918

 632918

FFFFFC

 491200

 9A5844

 2F0000

 B6715B

 050000

 D38B74

 000000

 F1A68E

 FFC1A8

 FFDDC4

 FFFAE0

 632918

 632918

■ 63210E

■ 633122

■ 631A04

■ 63382C

■ 631600

■ 634036

■ 634840

■ 634F4A

■ 635753

■ 635F5D

■ 636667

■ 636E71

# Harmonies

## Analogous

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



692130



632918



533403

# Triad

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



632918



00462B



193A6D

# Complementary

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



632918



185263

# 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.



00416C



632918



004746

# Square

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



632918



1F4312



00465E



4A2E60

# Rectangle

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



632918



453A00



00465E



003D6E



# Sweetspot

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



632918



806962



631853



40322E



BFBFBF



404040



# Same Dimension

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



632918



80260B



634E18



302D2C



701900



F03600



# Inverse Universe

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



185263



0B6580



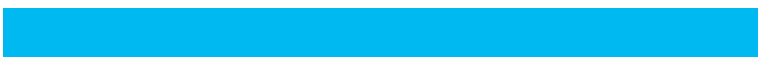
182D63



2C2F30



005770

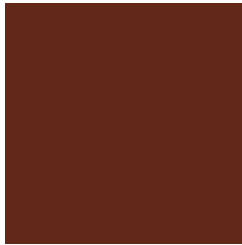


00B9F0



# Previews

## White Background



This preview shows how the Hex color 632918 looks on a white background.

## Color Contrast Check

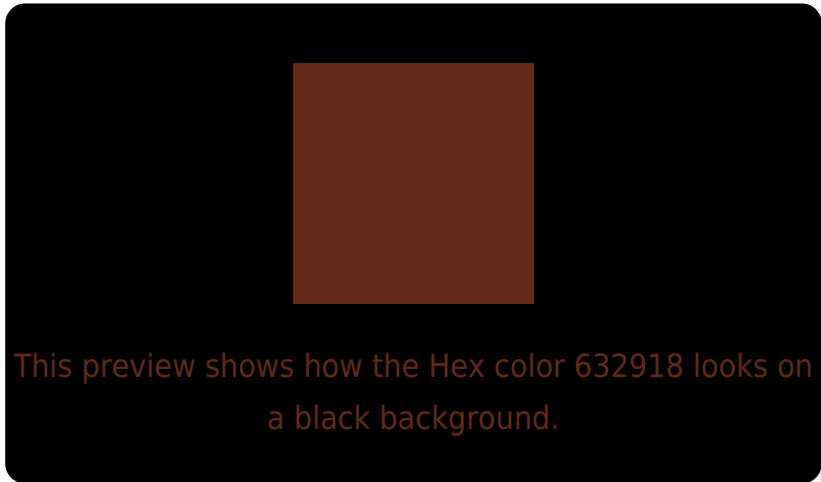
Large Text (above 18pt) WCAG AA ✓ Pass

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

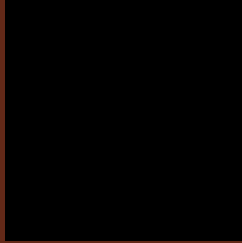
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 632918 Background



This preview shows how black text looks on a background with the Hex color 632918.

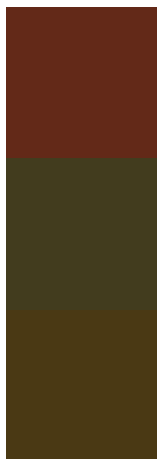


This preview shows how white text looks on a background with the Hex color 632918.

# 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**  
632918

**Protanopia**  
423C1E

**Deuteranopia**  
4A3914



**Tritanopia**  
642729

# Trichromacy



**Original Color**  
632918

**Protanomaly**  
4E351C

**Deuteranomaly**  
533315

**Tritanomaly**  
642823

# Monochromacy



**Original Color**  
632918

**Achromatopsia**  
383838

**Achromatomaly**  
48332C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 632918 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 #632918 looks like.

```
.text, #text, p{  
    color:#632918  
}
```

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 #632918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #632918
}
```

## Border

The CSS property to change the border of an element to Hex 632918 is called "border". The border property can be set on classes, ids or directly on the HTML element.

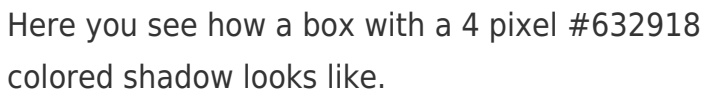
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#632918 }
```

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

```
.border{ border-color:#632918 }
```

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



Here you see how a box with a 4 pixel #632918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #632918; -webkit-box-shadow:4px 4px  
4px 4px #632918; box-shadow:4px 4px 4px  
4px #632918 }
```

# Background

The CSS property to change the background color of an element to Hex 632918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#632918 }
```

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

```
.background{ background-color:#632918 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor