

# Converting Colors

Hex(631F3B)

Have a look what the booklet for  
Hex(631F3B) contains.

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# Color

**Hex(631F3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	631F3B
RGB	99, 31, 59
RGB Percent	39%, 12%, 23%
CMY	0.6118, 0.8784, 0.7686
CMYK	0.00, 0.69, 0.40, 0.61
HSL	335°, 52%, 25%
HSV	335°, 69%, 39%
XYZ	6.4250, 3.9484, 4.5612
YIQ	54.5240, 31.5400, 23.1240

# Conversions

## Conversions Part 2

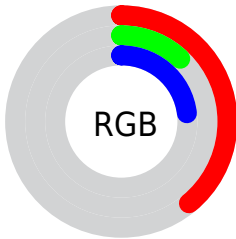
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 31, 59
Decimal	6496059
CIELab	23.50, 33.42, -1.36
CIElCh	24, 33.448, 357.676
Yxy	3.9484, 0.4302, 0.2644
Android (android.graphics.Color)	4284686139 (0xFF631F3B)
YUV	54.5240, 2.2067, 39.0055
Hunter-Lab	19.8706, 22.9432, 0.2998

# Details

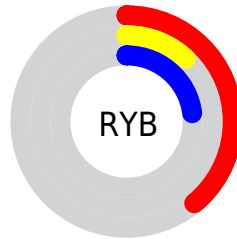
The Hex color **631F3B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1F6347**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **99506A**, and **320010** is the 20% darker color. If you saturate the color by 10%, you get **631535**, and if you desaturate by 10%, it is **632941**.

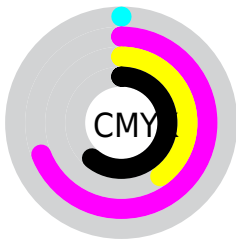
# Distribution



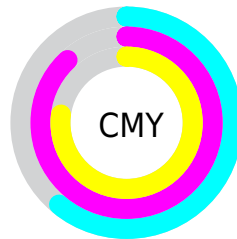
- Red (39%)
- Green (12%)
- Blue (23%)



- Red (39%)
- Yellow (12%)
- Blue (23%)



- Cyan (0%)
- Magenta (69%)
- Yellow (40%)
- Black (61%)



- Cyan (61%)
- Magenta (88%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 631F3B 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 631F3B by changing the saturation by 10% instead.



 631F3B

 631F3B

FFFFFF

 490425

 99506A

 320010

 B46983

 0E0000

 D1839D

 000000

 EE9EB8

 FFB9D4

 FFD5F0

 FFF2FF

 631F3B

 631F3B

■ 631535

■ 632941

■ 630B2F

■ 633347

■ 63012A

■ 633D4C

■ 630029

■ 634752

■ 635158

■ 635A5E

■ 636464

■ 636E6A

■ 63786F

# Harmonies

## Analogous

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



542753



631F3B



642222

# Triad

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



631F3B



2D3D05



004162

# Complementary

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



631F3B



1F6347

# 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.



00434F



631F3B



04421C

# Square

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



631F3B



463600



004335



003C6A

# Rectangle

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



631F3B



5D2913



004335



00425D



# Sweetspot

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



631F3B



806570



471F63



403036



BFBFBF



404040



# Same Dimension

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



631F3B



801742



63251F



302C2E



70002E



F00063



# Inverse Universe

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



631F3B



801742



1F5D63



302C2E



70002E

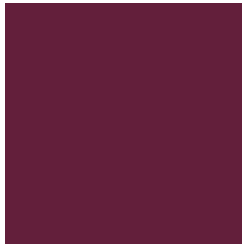


F00063



# Previews

## White Background



This preview shows how the Hex color 631F3B looks on a white background.

## Color Contrast Check

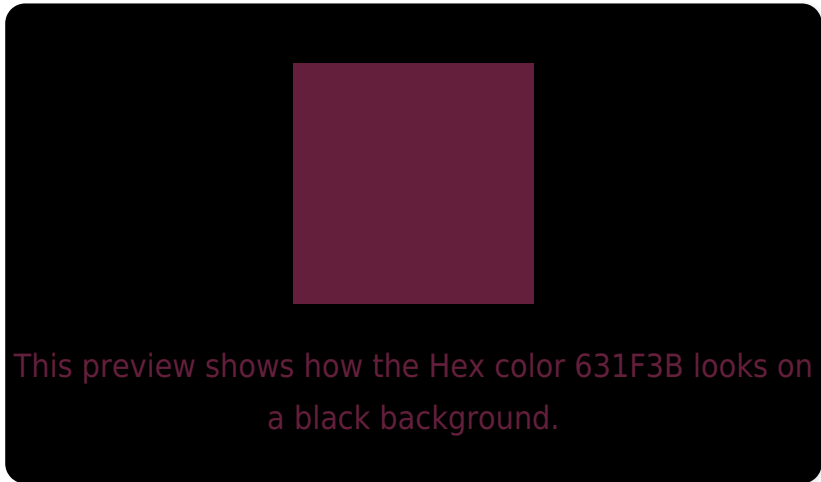
Large Text (above 18pt) WCAG AA ✓ Pass

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

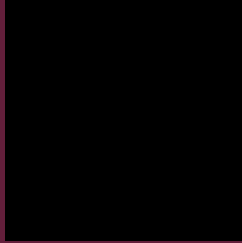
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 631F3B Background



This preview shows how black text looks on a background with the Hex color 631F3B.



This preview shows how white text looks on a background with the Hex color 631F3B.

# 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**  
631F3B

**Protanopia**  
34394B

**Deuteranopia**  
3F3738



**Tritanopia**  
622426

# Trichromacy



**Original Color**  
631F3B

**Protanomaly**  
453045

**Deuteranomaly**  
4C2E39

**Tritanomaly**  
62222E

# Monochromacy



**Original Color**  
631F3B

**Achromatopsia**  
373737

**Achromatomaly**  
472E38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 631F3B 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 #631F3B looks like.

```
.text, #text, p{  
    color:#631F3B  
}
```

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 #631F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631F3B
}
```

## Border

The CSS property to change the border of an element to Hex 631F3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

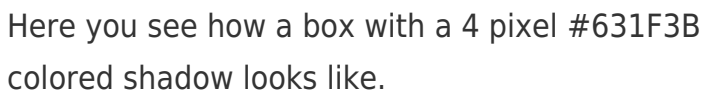
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#631F3B }
```

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

```
.border{ border-color:#631F3B }
```

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



Here you see how a box with a 4 pixel #631F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631F3B; -webkit-box-shadow:4px 4px  
4px 4px #631F3B; box-shadow:4px 4px 4px  
4px #631F3B }
```

# Background

The CSS property to change the background color of an element to Hex 631F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631F3B }
```

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

```
.background{ background-color:#631F3B }
```

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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