

# Converting Colors

Hex(63181D)

Have a look what the booklet for  
Hex(63181D) contains.

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# Color

**Hex(63181D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63181D
RGB	99, 24, 29
RGB Percent	39%, 9%, 11%
CMY	0.6118, 0.9059, 0.8863
CMYK	0.00, 0.76, 0.71, 0.61
HSL	356°, 61%, 24%
HSV	356°, 76%, 39%
XYZ	5.6940, 3.3946, 1.5175
YIQ	46.9950, 43.0950, 17.4550

# Conversions

## Conversions Part 2

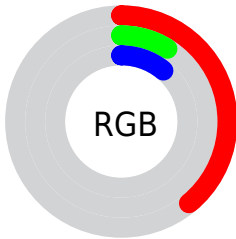
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 24, 29
Decimal	6494237
CIELab	21.56, 33.75, 16.63
CIELCh	22, 37.621, 26.230
Yxy	3.3946, 0.5369, 0.3201
Android (android.graphics.Color)	4284684317 (0xFF63181D)
YUV	46.9950, -8.8715, 45.6084
Hunter-Lab	18.4245, 22.9216, 8.0138

# Details

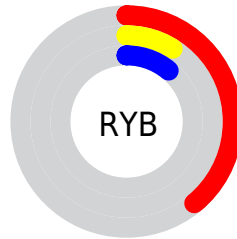
The Hex color **63181D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **18635E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9B4948**, and **300001** is the 20% darker color. If you saturate the color by 10%, you get **630E14**, and if you desaturate by 10%, it is **632226**.

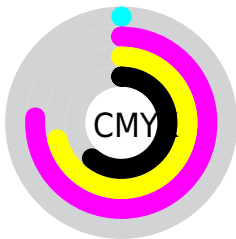
# Distribution



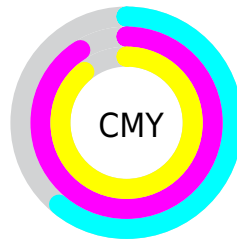
- Red (39%)
- Green (9%)
- Blue (11%)



- Red (39%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (76%)
- Yellow (71%)
- Black (61%)



- Cyan (61%)
- Magenta (91%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63181D 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 63181D by changing the saturation by 10% instead.



 63181D

 63181D

FFFFFF

 480004

 9B4948

 300001

 B76260

 000000

 D47C79

 F29793

 FF2AD

 FFCEC9

 FFEAE5

 63181D

 63181D

■ 630E14

■ 632226

■ 63040B

■ 632C2F

■ 630007

■ 633639

■ 634042

■ 634A4B

■ 635354

■ 635D5E

■ 636767

■ 637170

# Harmonies

## Analogous

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



621438



63181D



572500

# Triad

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



63181D



003E12



00386C

# Complementary

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



63181D



18635E

# 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.



003E62



63181D



00402F

# Square

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



63181D



293900



00404C



2A2E66

# Rectangle

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



63181D



4B2E00



00404C



003B6A



# Sweetspot

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



63181D



806264



5E1863



402E2F



BFBFBF



404040



# Same Dimension

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



63181D



800B13



633918



302C2C



700007



F00010



# Inverse Universe

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



63181D



800B13



184363



302C2C



700007

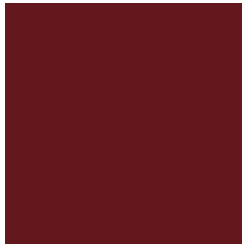


F00010



# Previews

## White Background



This preview shows how the Hex color 63181D looks on a white background.

## Color Contrast Check

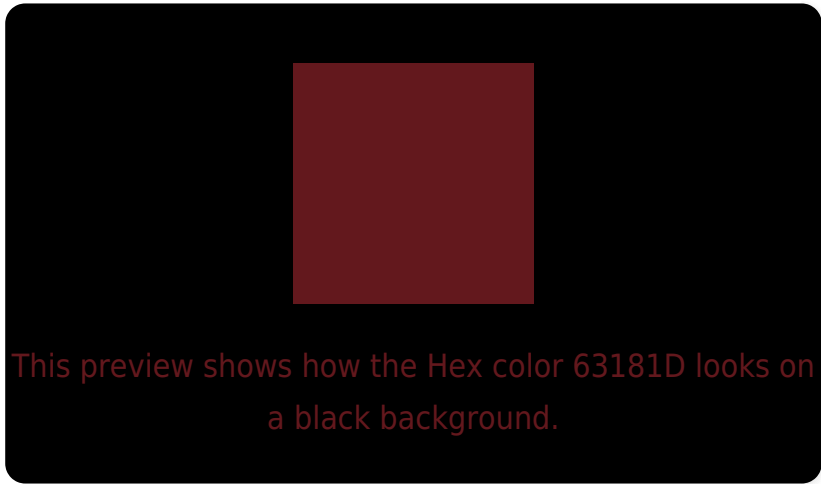
Large Text (above 18pt) WCAG AA ✓ Pass

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 63181D Background



This preview shows how black text looks on a background with the Hex color 63181D.

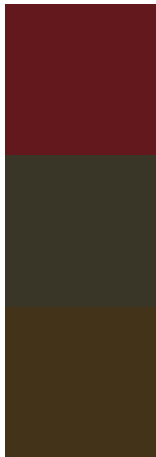


This preview shows how white text looks on a background with the Hex color 63181D.

# 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**  
63181D

**Protanopia**  
393527

**Deuteranopia**  
423319



**Tritanopia**  
631919

# Trichromacy



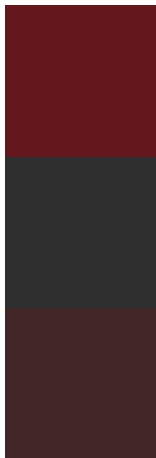
**Original Color**  
63181D

**Protanomaly**  
482A23

**Deuteranomaly**  
4E291A

**Tritanomaly**  
63191A

# Monochromacy



**Original Color**  
63181D

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
422728

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63181D 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 #63181D looks like.

```
.text, #text, p{  
    color:#63181D  
}
```

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 #63181D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63181D
}
```

## Border

The CSS property to change the border of an element to Hex 63181D is called "border". The border property can be set on classes, ids or directly on the HTML element.

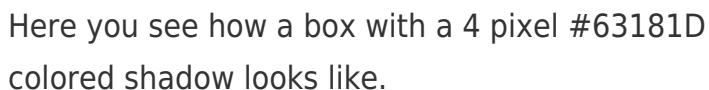
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63181D }
```

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

```
.border{ border-color:#63181D }
```

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



Here you see how a box with a 4 pixel #63181D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63181D; -webkit-box-shadow:4px 4px  
4px 4px #63181D; box-shadow:4px 4px 4px  
4px #63181D }
```

# Background

The CSS property to change the background color of an element to Hex 63181D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63181D }
```

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

```
.background{ background-color:#63181D }
```

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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