

# Converting Colors

Hex(63132E)

Have a look what the booklet for  
Hex(63132E) contains.

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# Color

**Hex(63132E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63132E
RGB	99, 19, 46
RGB Percent	39%, 7%, 18%
CMY	0.6118, 0.9255, 0.8196
CMYK	0.00, 0.81, 0.54, 0.61
HSL	340°, 68%, 23%
HSV	340°, 81%, 39%
XYZ	5.8716, 3.3157, 2.9153
YIQ	45.9980, 39.0130, 25.3570

# Conversions

## Conversions Part 2

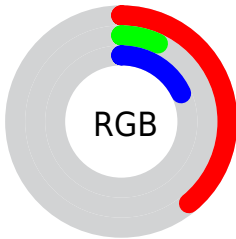
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 19, 46
Decimal	6492974
CIE <sub>Lab</sub>	21.27, 37.03, 4.42
CIE <sub>LCh</sub>	21, 37.289, 6.807
Yxy	3.3157, 0.4852, 0.2740
Android (android.graphics.Color)	4284683054 (0xFF63132E)
YUV	45.9980, 0.0010, 46.4828
Hunter-Lab	18.2089, 25.6930, 3.2538




# Details

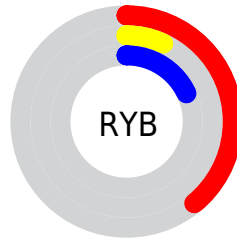
The Hex color **63132E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **136348**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **9A465C**, and **320001** is the 20% darker color. If you saturate the color by 10%, you get **630927**, and if you desaturate by 10%, it is **631D35**.

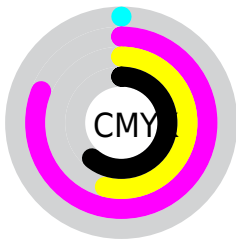
# Distribution







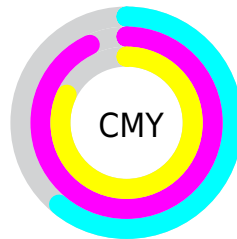
-  Red (39%)
-  Green (7%)
-  Blue (18%)






-  Red (39%)
-  Yellow (7%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (81%)
-  Yellow (54%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (93%)
-  Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63132E 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 63132E by changing the saturation by 10% instead.



 63132E

 63132E

FFFFFF

 49001A

 9A465C

 320001

 B66074

 000000

 D37A8E

 F094A8

 FFAFC3

 FFCBDF

 FFE8FC

 63132E

 63132E

■ 630927

■ 631D35

■ 630021

■ 63273B

■ 633142

■ 633B48

■ 63454F

■ 634E55

■ 63585C

■ 636262

■ 636C69

# Harmonies

## Analogous

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



581A49



63132E



5F1C14

# Triad

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



63132E



1C3A00



003C66

# Complementary

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



63132E



136348

# 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.



003F54



63132E



003E1C

# Square

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



63132E



3A3400



003F39



00346A

# Rectangle

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



63132E



562500



003F39



003D61



# Sweetspot

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



63132E



80616B



471363



402D34



BFBFBF



404040



# Same Dimension

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



63132E



80042E



631F13



302C2D



700026



F00051



# Inverse Universe

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



63132E



80042E



135763



302C2D



700026

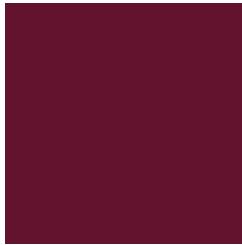


F00051



# Previews

## White Background



This preview shows how the Hex color 63132E looks on a white background.

## Color Contrast Check

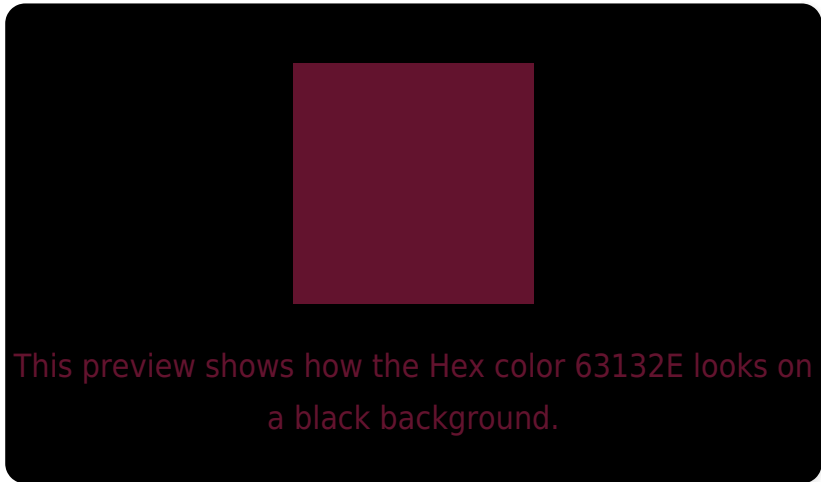
Large Text (above 18pt) WCAG AA ✓ Pass

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

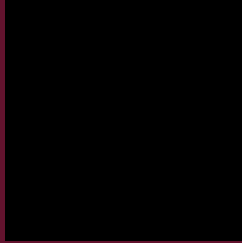
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 63132E Background



This preview shows how black text looks on a background with the Hex color 63132E.



This preview shows how white text looks on a background with the Hex color 63132E.

# 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**  
63132E

**Protanopia**  
33353F

**Deuteranopia**  
3E332A



**Tritanopia**  
621919

# Trichromacy



**Original Color**  
63132E

**Protanomaly**  
442939

**Deuteranomaly**  
4B272B

**Tritanomaly**  
621721

# Monochromacy



**Original Color**  
63132E

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
41242E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63132E 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 #63132E looks like.

```
.text, #text, p{  
    color:#63132E  
}
```

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 #63132E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63132E
}
```

## Border

The CSS property to change the border of an element to Hex 63132E is called "border". The border property can be set on classes, ids or directly on the HTML element.

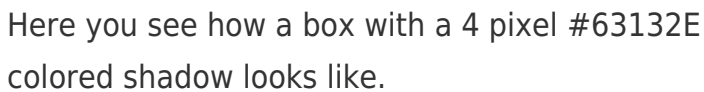
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63132E }
```

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

```
.border{ border-color:#63132E }
```

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



Here you see how a box with a 4 pixel #63132E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63132E; -webkit-box-shadow:4px 4px  
4px 4px #63132E; box-shadow:4px 4px 4px  
4px #63132E }
```

# Background

The CSS property to change the background color of an element to Hex 63132E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63132E }
```

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

```
.background{ background-color:#63132E }
```

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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