

Converting Colors

Hex(63143B)

Have a look what the booklet for
Hex(63143B) contains.

Hex(63143B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63143B)

Conversions

Conversions Part 1

Format	Color
Hex	63143B
RGB	99, 20, 59
RGB Percent	39%, 8%, 23%
CMY	0.6118, 0.9216, 0.7686
CMYK	0.00, 0.80, 0.40, 0.61
HSL	330°, 66%, 23%
HSV	330°, 80%, 39%
XYZ	6.1852, 3.4687, 4.4812
YIQ	48.0670, 34.5650, 28.8770

Conversions

Conversions Part 2

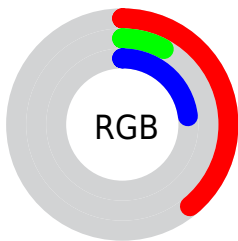
Format	Color
RYB	99, 20, 59
Decimal	6493243
CIELab	21.83, 38.05, -3.83
CIELCh	22, 38.240, 354.258
Yxy	3.4687, 0.4376, 0.2454
Android (android.graphics.Color)	4284683323 (0xFF63143B)
YUV	48.0670, 5.3900, 44.6682
Hunter-Lab	18.6245, 26.6866, -1.2285

Details

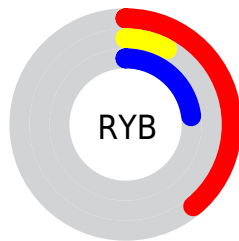
The Hex color **63143B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **14633C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **99486A**, and **320010** is the 20% darker color. If you saturate the color by 10%, you get **630A36**, and if you desaturate by 10%, it is **631E40**.

Distribution



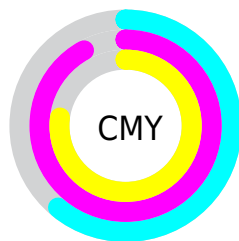
- Red (39%)
- Green (8%)
- Blue (23%)



- Red (39%)
- Yellow (8%)
- Blue (23%)



- Cyan (0%)
- Magenta (80%)
- Yellow (40%)
- Black (61%)



- Cyan (61%)
- Magenta (92%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63143B 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 63143B by changing the saturation by 10% instead.

 63143B

 63143B

FFFFFF

 490025

 99486A

 320010

 B56183

 070000

 D27B9D

 000000

 EF95B8

 FFB1D4

 FFCDF0

 FFE9FF

 63143B

 63143B

■ 630A36

■ 631E40

■ 630031

■ 632845

■ 63324A

■ 633C4F

■ 634654

■ 634F59

■ 63595E

■ 636363

■ 636D68

Harmonies

Analogous

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



512156



63143B



65171F

Triad

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



63143B



2B3900



003F62

Complementary

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



63143B



14633C

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.



00414B



63143B



003E10

Square

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



63143B



463100



00402E



00396D

Rectangle

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



63143B



5E200D



00402E



00405B

Sweetspot

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



63143B



806170



3C1463



402D36



BFBFBF



404040

Same Dimension

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



63143B



800542



631414



302C2E



700037



F00076

Inverse Universe

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



63143B



800542



146363



302C2E



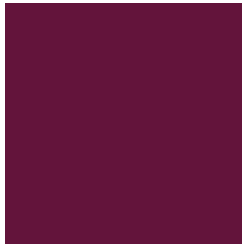
700037



F00076

Previews

White Background



This preview shows how the Hex color 63143B looks on a white background.

Color Contrast Check

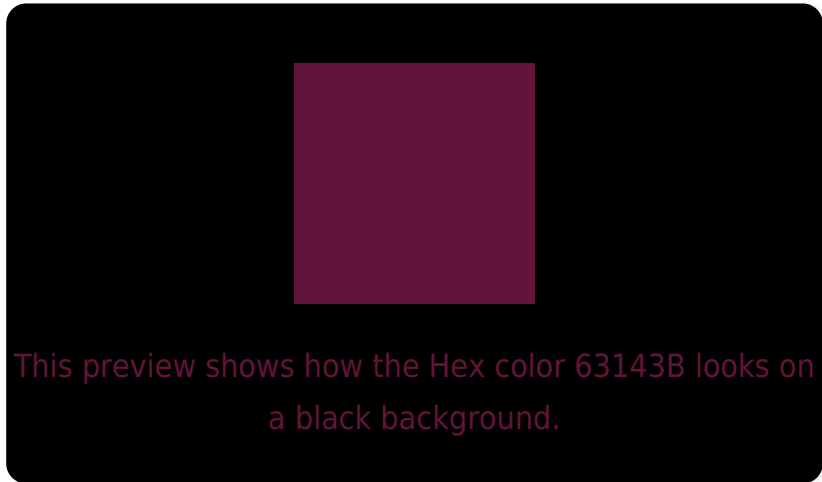
Large Text (above 18pt) WCAG AA ✓ Pass

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

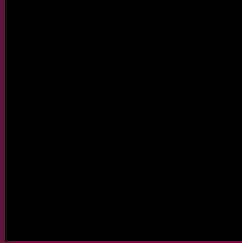
Any Text WCAG AA × Fail

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 63143B Background



This preview shows how black text looks on a background with the Hex color 63143B.



This preview shows how white text looks on a background with the Hex color 63143B.

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
63143B

Protanopia
2D3550

Deuteranopia
3B3537



Tritanopia
611D1E

Trichromacy



Original Color
63143B

Protanomaly
412948

Deuteranomaly
4A2938

Tritanomaly
621A29

Monochromacy



Original Color
63143B

Achromatopsia
303030

Achromatomaly
432634

CSS Examples

Text

The CSS property to change the color of the text to Hex 63143B 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 #63143B looks like.

```
.text, #text, p{  
    color:#63143B  
}
```

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 #63143B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63143B
}
```

Border

The CSS property to change the border of an element to Hex 63143B 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".

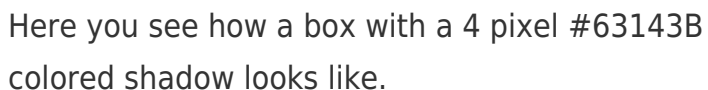
```
.border, #border, table{ border:4px solid
#63143B }
```

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

```
.border{ border-color:#63143B }
```

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

Here you see how a box with a 4 pixel #63143B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63143B; -webkit-box-shadow:4px 4px  
4px 4px #63143B; box-shadow:4px 4px 4px  
4px #63143B }
```

Background

The CSS property to change the background color of an element to Hex 63143B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63143B }
```

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

```
.background{ background-color:#63143B }
```

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