

Converting Colors

Hex(64173B)

Have a look what the booklet for
Hex(64173B) contains.

Hex(64173B)	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(64173B)

Conversions

Conversions Part 1

Format	Color
Hex	64173B
RGB	100, 23, 59
RGB Percent	39%, 9%, 23%
CMY	0.6078, 0.9098, 0.7686
CMYK	0.00, 0.77, 0.41, 0.61
HSL	332°, 63%, 24%
HSV	332°, 77%, 39%
XYZ	6.3513, 3.6379, 4.5051
YIQ	50.1270, 34.3360, 27.5200

Conversions

Conversions Part 2

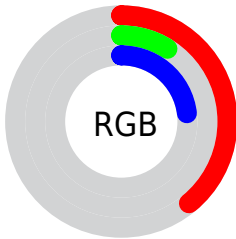
Format	Color
RYB	100, 23, 59
Decimal	6559547
CIELab	22.44, 37.23, -2.90
CIELCh	22, 37.338, 355.538
Yxy	3.6379, 0.4382, 0.2510
Android (android.graphics.Color)	4284749627 (0xFF64173B)
YUV	50.1270, 4.3744, 43.7386
Hunter-Lab	19.0732, 26.0619, -0.6530

Details

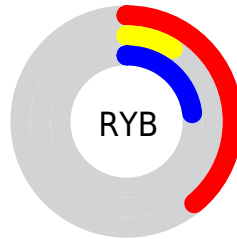
The Hex color **64173B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **176440**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9A4A6A**, and **330010** is the 20% darker color. If you saturate the color by 10%, you get **640D36**, and if you desaturate by 10%, it is **642140**.

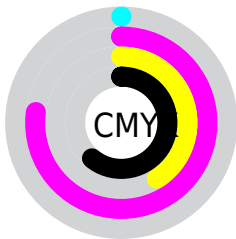
Distribution



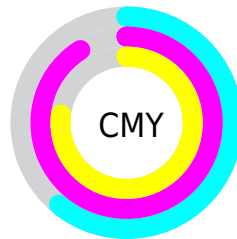
- Red (39%)
- Green (9%)
- Blue (23%)



- Red (39%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (77%)
- Yellow (41%)
- Black (61%)



- Cyan (61%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64173B 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 64173B by changing the saturation by 10% instead.

64173B

64173B

FFFFFF

4A0025

9A4A6A

330010

B66383

0C0000

D37D9D

000000

F098B8

FFB3D4

FFCFF0

FFECFF

64173B

64173B

■ 640D36

■ 642140

■ 640330

■ 642B46

■ 64002F

■ 64354B

■ 643F50

■ 644956

■ 64535B

■ 645D60

■ 646766

■ 64716B

Harmonies

Analogous

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



532255



64173B



651A20

Triad

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



64173B



2C3B00



004063

Complementary

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



64173B



176440

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.



00424D



64173B



004014

Square

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



64173B



463300



004230



003A6D

Rectangle

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



64173B



5F230E



004230



00415D

Sweetspot

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



64173B



826472



3F1764



423038



C2C2C2



424242

Same Dimension

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



64173B



820A42



641817



332E30



730036



F20071

Inverse Universe

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



64173B



820A42



176364



332E30



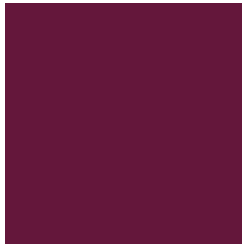
730036



F20071

Previews

White Background



This preview shows how the Hex color 64173B looks on a white background.

Color Contrast Check

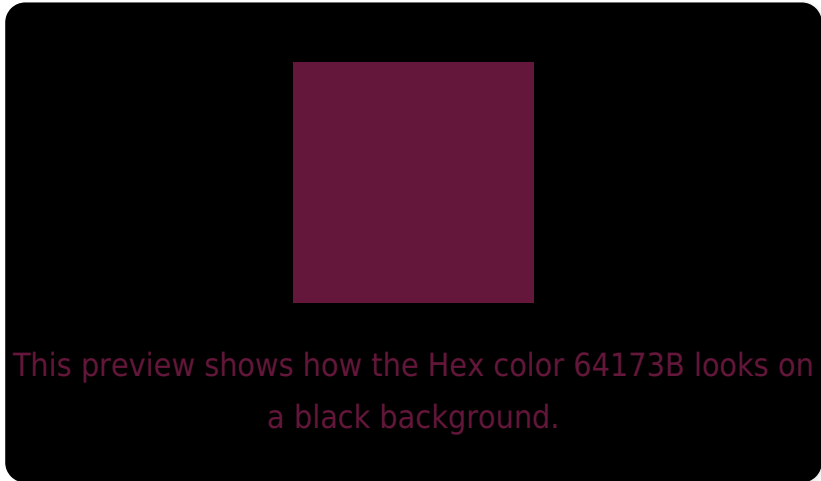
Large Text (above 18pt) WCAG AA ✓ Pass

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

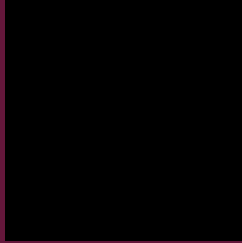
Any Text WCAG AA × Fail

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 64173B Background



This preview shows how black text looks on a background with the Hex color 64173B.



This preview shows how white text looks on a background with the Hex color 64173B.

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
64173B

Protanopia
30374F

Deuteranopia
3D3637



Tritanopia
621F20

Trichromacy



Original Color
64173B

Protanomaly
432B48

Deuteranomaly
4B2B38

Tritanomaly
631C2A

Monochromacy



Original Color
64173B

Achromatopsia
323232

Achromatomaly
442835

CSS Examples

Text

The CSS property to change the color of the text to Hex 64173B 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 #64173B looks like.

```
.text, #text, p{  
    color:#64173B  
}
```

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 #64173B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64173B
}
```

Border

The CSS property to change the border of an element to Hex 64173B 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".

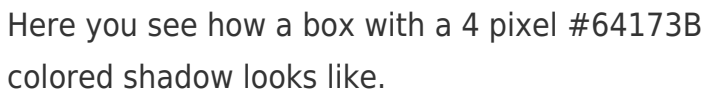
```
.border, #border, table{ border:4px solid
#64173B }
```

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

```
.border{ border-color:#64173B }
```

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

Here you see how a box with a 4 pixel #64173B 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64173B; -webkit-box-shadow:4px 4px  
4px 4px #64173B; box-shadow:4px 4px 4px  
4px #64173B }
```

Background

The CSS property to change the background color of an element to Hex 64173B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64173B }
```

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

```
.background{ background-color:#64173B }
```

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