

Converting Colors

Hex(68243E)

Have a look what the booklet for
Hex(68243E) contains.

Hex(68243E)	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(68243E)

Conversions

Conversions Part 1

Format	Color
Hex	68243E
RGB	104, 36, 62
RGB Percent	41%, 14%, 24%
CMY	0.5922, 0.8588, 0.7569
CMYK	0.00, 0.65, 0.40, 0.59
HSL	337°, 49%, 27%
HSV	337°, 65%, 41%
XYZ	7.2093, 4.5526, 5.0562
YIQ	59.2960, 32.1820, 22.5020

Conversions

Conversions Part 2

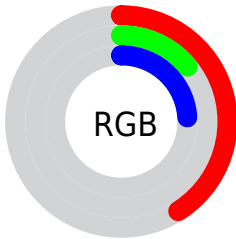
Format	Color
RYB	104, 36, 62
Decimal	6825022
CIELab	25.42, 33.12, -0.47
CIElCh	25, 33.120, 359.181
Yxy	4.5526, 0.4287, 0.2707
Android (android.graphics.Color)	4285015102 (0xFF68243E)
YUV	59.2960, 1.3331, 39.2054
Hunter-Lab	21.3368, 22.9721, 0.8858

Details

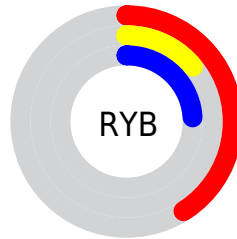
The Hex color **68243E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **24684E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9E556D**, and **350014** is the 20% darker color. If you saturate the color by 10%, you get **681A38**, and if you desaturate by 10%, it is **682E44**.

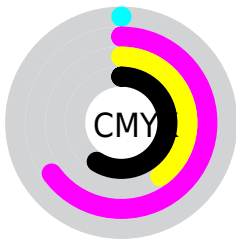
Distribution



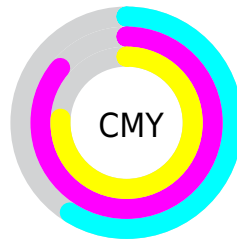
- Red (41%)
- Green (14%)
- Blue (24%)



- Red (41%)
- Yellow (14%)
- Blue (24%)



- Cyan (0%)
- Magenta (65%)
- Yellow (40%)
- Black (59%)



- Cyan (59%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68243E 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 68243E by changing the saturation by 10% instead.

 68243E

 68243E

FFFFFF

 4E0A28

 9E556D

 350014

 BA6E87

 1A0001

 D688A1

 000000

 F3A3BC

 FFBED8

 FFDBF4

 FFF7FF

 68243E

 68243E

■ 681A38

■ 682E44

■ 680F31

■ 68394B

■ 68052B

■ 684351

■ 680028

■ 684E58

■ 68585E

■ 686265

■ 686D6B

■ 687771

■ 688278

Harmonies

Analogous

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



5A2B56



68243E



682725

Triad

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



68243E



31420C



004567

Complementary

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



68243E



24684E

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.



004854



68243E



084621

Square

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



68243E



4A3B03



00483B



003F6E

Rectangle

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



68243E



622E17



00483B



004662

Sweetspot

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



68243E



876C76



4E2468



45343B



C4C4C4



454545

Same Dimension

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



68243E



871E46



682C24



332E30



73002C



F2005D

Inverse Universe

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



68243E



871E46



246068



332E30



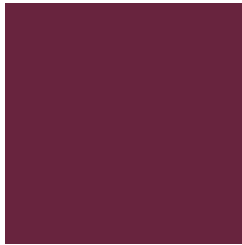
73002C



F2005D

Previews

White Background



This preview shows how the Hex color 68243E looks on a white background.

Color Contrast Check

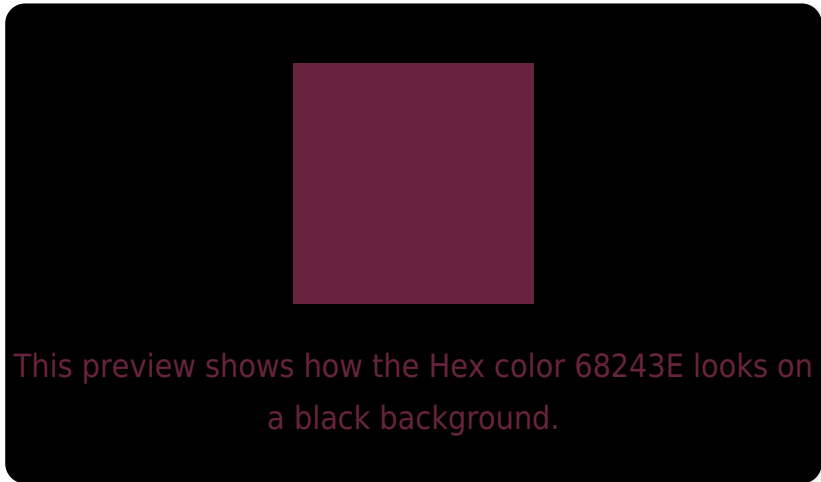
Large Text (above 18pt) WCAG AA ✓ Pass

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

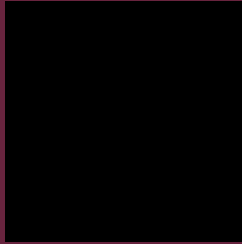
Any Text WCAG AA × Fail

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 68243E Background



This preview shows how black text looks on a background with the Hex color 68243E.



This preview shows how white text looks on a background with the Hex color 68243E.

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
68243E

Protanopia
393D4D

Deuteranopia
443B3B



Tritanopia
67282B

Trichromacy



Original Color
68243E

Protanomaly
4A3448

Deuteranomaly
51333C

Tritanomaly
672732

Monochromacy



Original Color
68243E

Achromatopsia
3B3B3B

Achromatomaly
4B333C

CSS Examples

Text

The CSS property to change the color of the text to Hex 68243E 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 #68243E looks like.

```
.text, #text, p{  
    color:#68243E  
}
```

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 #68243E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68243E
}
```

Border

The CSS property to change the border of an element to Hex 68243E is called "border". The border property can be set on classes, ids or directly on the HTML element.

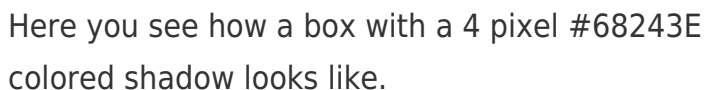
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68243E }
```

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

```
.border{ border-color:#68243E }
```

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



Here you see how a box with a 4 pixel #68243E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68243E; -webkit-box-shadow:4px 4px  
4px 4px #68243E; box-shadow:4px 4px 4px  
4px #68243E }
```

Background

The CSS property to change the background color of an element to Hex 68243E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68243E }
```

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

```
.background{ background-color:#68243E }
```

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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