

Converting Colors

Hex(83163D)

Have a look what the booklet for
Hex(83163D) contains.

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Color

Hex(83163D)

Conversions

Conversions Part 1

Format	Color
Hex	83163D
RGB	131, 22, 61
RGB Percent	51%, 9%, 24%
CMY	0.4863, 0.9137, 0.7608
CMYK	0.00, 0.83, 0.53, 0.49
HSL	339°, 71%, 30%
HSV	339°, 83%, 51%
XYZ	10.4893, 5.7360, 4.9692
YIQ	59.0370, 52.4450, 35.2370

Conversions

Conversions Part 2

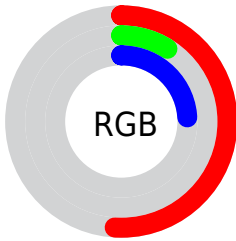
Format	Color
RYB	131, 22, 61
Decimal	8590909
CIELab	28.74, 47.00, 5.66
CIELCh	29, 47.341, 6.866
Yxy	5.7360, 0.4949, 0.2706
Android (android.graphics.Color)	4286780989 (0xFF83163D)
YUV	59.0370, 0.9678, 63.1116
Hunter-Lab	23.9500, 36.2643, 4.4634

Details

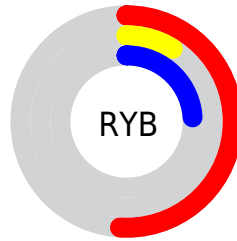
The Hex color **83163D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **16835C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **BD4F6C**, and **4B0013** is the 20% darker color. If you saturate the color by 10%, you get **830935**, and if you desaturate by 10%, it is **832345**.

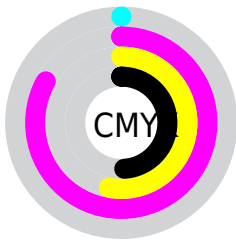
Distribution



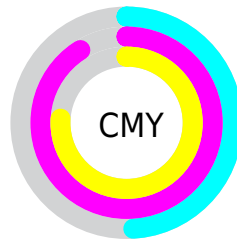
- Red (51%)
- Green (9%)
- Blue (24%)



- Red (51%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (83%)
- Yellow (53%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83163D 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 83163D by changing the saturation by 10% instead.

 83163D

 83163D

FFFFFF

 670027

 BD4F6C

 4B0013

 DA6985

 330002

 F8849F

 000000

 FF9FBA

 FFBBD6

 FFD8F2

 FFF5FF

 83163D

 83163D

■ 830935

■ 832345

■ 83002F

■ 83304E

■ 833D56

■ 834A5F

■ 835867

■ 83656F

■ 837278

■ 837F80

■ 838C89

Harmonies

Analogous

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



752161



83163D



7D241A

Triad

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



83163D



244D00



004F87

Complementary

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



83163D



16835C

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.



00536F



83163D



005225

Square

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



83163D



4C4500



00544B



00468D

Rectangle

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



83163D



713100



00544B



005181

Sweetspot

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



83163D



AB808F



5B1683



573D46



D6D6D6



575757

Same Dimension

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



83163D



AB003D



832516



423C3E



82002F



030001

Inverse Universe

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



83163D



AB003D



167483



423C3E



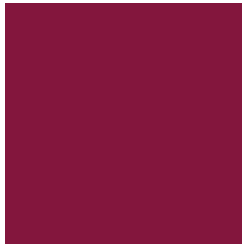
82002F



030001

Previews

White Background



This preview shows how the Hex color 83163D looks on a white background.

Color Contrast Check

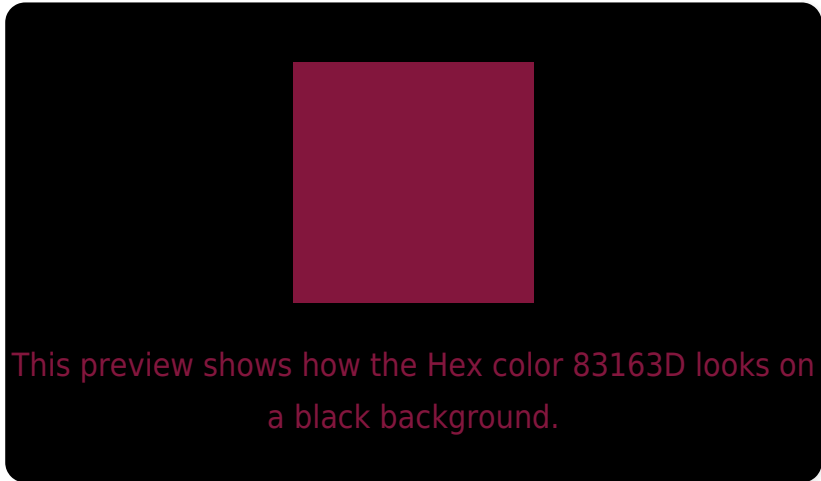
Large Text (above 18pt) WCAG AA ✓ Pass

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 83163D Background



This preview shows how black text looks on a background with the Hex color 83163D.

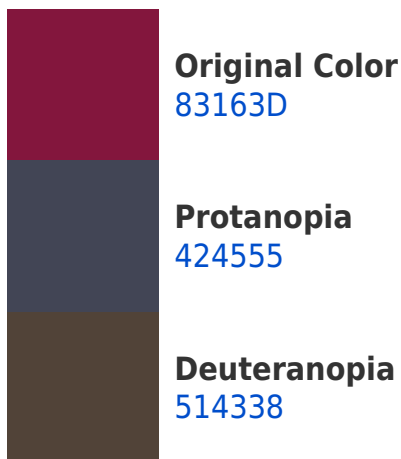


This preview shows how white text looks on a background with the Hex color 83163D.

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





Tritanopia
821F20

Trichromacy



Original Color
83163D

Protanomaly
5A344C

Deuteranomaly
63333A

Tritanomaly
821C2B

Monochromacy



Original Color
83163D

Achromatopsia
3B3B3B

Achromatomaly
552E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 83163D 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 #83163D looks like.

```
.text, #text, p{  
    color:#83163D  
}
```

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 #83163D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83163D
}
```

Border

The CSS property to change the border of an element to Hex 83163D 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
#83163D }
```

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

```
.border{ border-color:#83163D }
```

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

Here you see how a box with a 4 pixel #83163D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83163D; -webkit-box-shadow:4px 4px  
4px 4px #83163D; box-shadow:4px 4px 4px  
4px #83163D }
```

Background

The CSS property to change the background color of an element to Hex 83163D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83163D }
```

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

```
.background{ background-color:#83163D }
```

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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