

Converting Colors

Hex(80003E)

Have a look what the booklet for
Hex(80003E) contains.

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Color

Hex(80003E)

Conversions

Conversions Part 1

Format	Color
Hex	80003E
RGB	128, 0, 62
RGB Percent	50%, 0%, 24%
CMY	0.4980, 1.0000, 0.7569
CMYK	0.00, 1.00, 0.52, 0.50
HSL	331°, 100%, 25%
HSV	331°, 100%, 50%
XYZ	9.7716, 4.9370, 4.9953
YIQ	45.3400, 56.3860, 46.4180

Conversions

Conversions Part 2

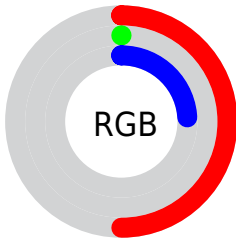
Format	Color
R_{YB}	128, 0, 62
Decimal	8388670
CIE Lab	26.55, 50.81, 1.77
CIE LCh	27, 50.838, 1.998
Yxy	4.9370, 0.4959, 0.2506
Android (android.graphics.Color)	4286578750 (0xFF80003E)
YUV	45.3400, 8.2134, 72.4928
Hunter-Lab	22.2193, 39.6166, 2.2240

Details

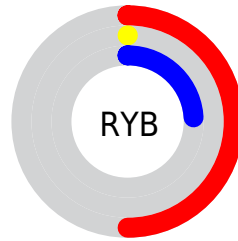
The Hex color **80003E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **008042**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **BA446D**, and **480014** is the 20% darker color. If you saturate the color by 10%, you get **80003E**, and if you desaturate by 10%, it is **800D45**.

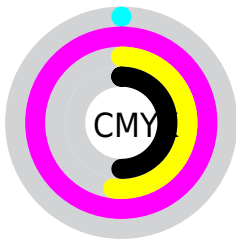
Distribution



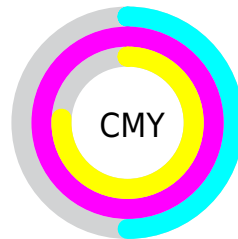
- Red (50%)
- Green (0%)
- Blue (24%)



- Red (50%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80003E 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 80003E by changing the saturation by 10% instead.

 80003E

 80003E

FFFFFF

 640028

 BA446D

 480014

 D75F86

 2F0002

 F57BA1

 000000

 FF96BC

 FFB2D7

 FFCE4

 FFEBFF

 80003E

 800D45

 801A4B

 802652

 803358

 80405F

 804D66

 805A6C

 806673

 807379

Harmonies

Analogous

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



6E1A64



80003E



7D1518

Triad

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



80003E



244800



004C84

Complementary

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



80003E



008042

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.



004F67



80003E



004D17

Square

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



80003E



4C3E00



004F40



00438D

Rectangle

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



80003E



712700



004F40



004D7C

Sweetspot

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



80003E



A6748C



400080



543645



D4D4D4



545454

Same Dimension

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



80003E



A60050



800000



40393C



000000

Inverse Universe

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



80003E



A60050



008080



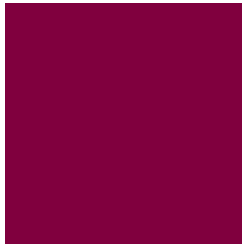
40393C



000000

Previews

White Background



This preview shows how the Hex color 80003E looks on a white background.

Color Contrast Check

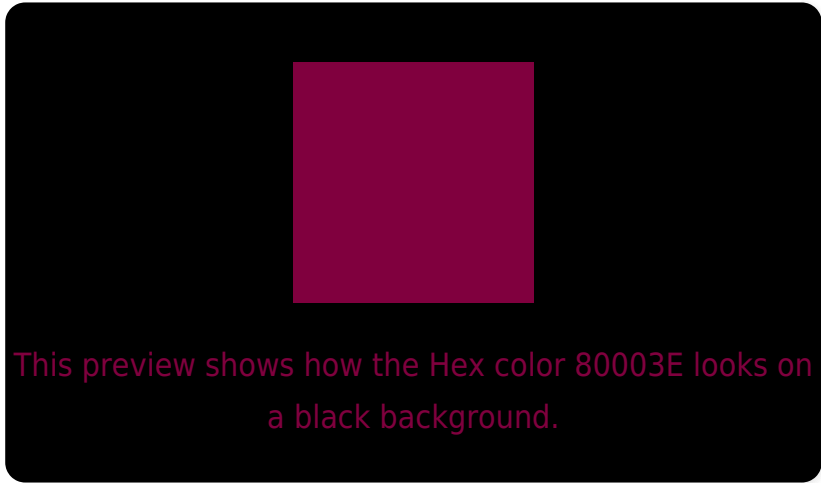
Large Text (above 18pt) WCAG AA ✓ Pass

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 80003E Background



This preview shows how black text looks on a background with the Hex color 80003E.

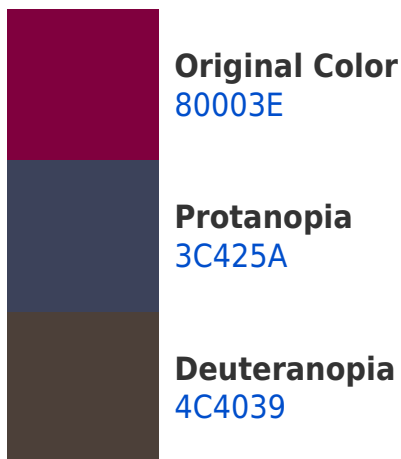


This preview shows how white text looks on a background with the Hex color 80003E.

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
7E1918

Trichromacy



Original Color
80003E

Protanomaly
552A50

Deuteranomaly
5F293B

Tritanomaly
7F1026

Monochromacy



Original Color
80003E

Achromatopsia
2D2D2D

Achromatomaly
4B1D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 80003E 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 #80003E looks like.

```
.text, #text, p{  
    color:#80003E  
}
```

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 #80003E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80003E
}
```

Border

The CSS property to change the border of an element to Hex 80003E is called "border". The border property can be set on classes, ids or directly on the HTML element.

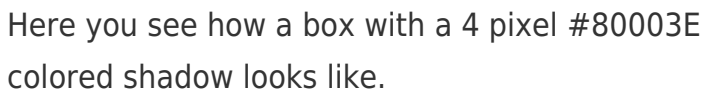
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80003E }
```

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

```
.border{ border-color:#80003E }
```

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



Here you see how a box with a 4 pixel #80003E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80003E; -webkit-box-shadow:4px 4px  
4px 4px #80003E; box-shadow:4px 4px 4px  
4px #80003E }
```

Background

The CSS property to change the background color of an element to Hex 80003E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80003E }
```

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

```
.background{ background-color:#80003E }
```

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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