

Converting Colors

Hex(80386E)

Have a look what the booklet for
Hex(80386E) contains.

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Color

Hex(80386E)

Conversions

Conversions Part 1

Format	Color
Hex	80386E
RGB	128, 56, 110
RGB Percent	50%, 22%, 43%
CMY	0.4980, 0.7804, 0.5686
CMYK	0.00, 0.56, 0.14, 0.50
HSL	315°, 39%, 36%
HSV	315°, 56%, 50%
XYZ	13.1307, 8.5433, 15.7088
YIQ	83.6840, 25.5780, 32.0580

Conversions

Conversions Part 2

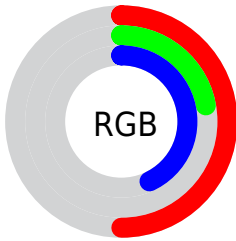
Format	Color
R_{YB}	128, 56, 110
Decimal	8403054
CIE _{Lab}	35.09, 38.26, -16.81
CIE _{LCh}	35, 41.791, 336.282
Yxy	8.5433, 0.3512, 0.2285
Android (android.graphics.Color)	4286593134 (0xFF80386E)
YUV	83.6840, 12.9738, 38.8651
Hunter-Lab	29.2290, 29.0381, -11.4045

Details

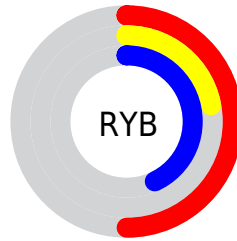
The Hex color **80386E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **38804A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B76AA2**, and **4C013E** is the 20% darker color. If you saturate the color by 10%, you get **802B6B**, and if you desaturate by 10%, it is **804571**.

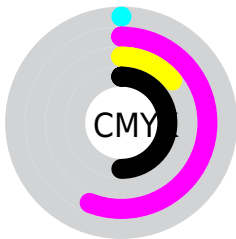
Distribution



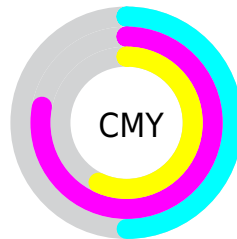
- Red (50%)
- Green (22%)
- Blue (43%)



- Red (50%)
- Yellow (22%)
- Blue (43%)



- Cyan (0%)
- Magenta (56%)
- Yellow (14%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80386E 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 80386E by changing the saturation by 10% instead.

80386E

80386E

FFFFFF

661F56

B76AA2

4C013E

D385BD

340028

F09FD9

1A0013

FFBBF5

000000

FFD7FF

FFF4FF

80386E

80386E

802B6B

804571

 801E68

 805274

 801264

 805E78

 800561

 806B7B

 800060

 80787E

 808581

 809284

 809E88

 80AB8B

Harmonies

Analogous

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



5D4789



80386E



8E324D

Triad

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



80386E



5D5304



006179

Complementary

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



80386E



38804A

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.



006259



80386E



3A5C18

Square

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



80386E



784712



006036



005D8F

Rectangle

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



80386E



8D3537



006036



00626F

Sweetspot

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



80386E



A68A9F



4A3880



544350



D4D4D4



545454

Same Dimension

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



80386E



A6358A



80384A



40393E



800060



000000

Inverse Universe

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



80386E



A6358A



38806E



40393E



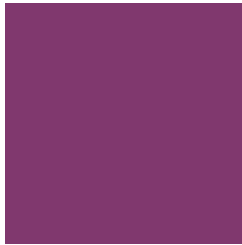
800060



000000

Previews

White Background



This preview shows how the Hex color 80386E looks on a white background.

Color Contrast Check

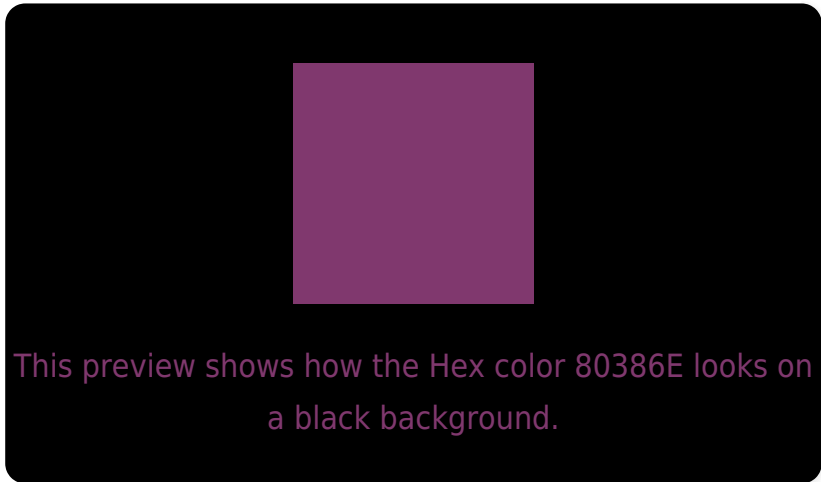
Large Text (above 18pt) WCAG AA ✓ Pass

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

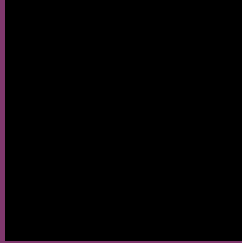
Any Text WCAG AA × Fail

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 80386E Background



This preview shows how black text looks on a background with the Hex color 80386E.

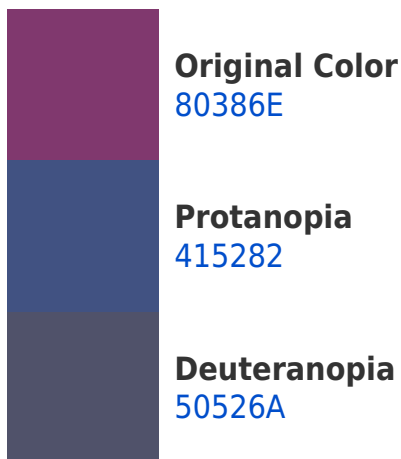


This preview shows how white text looks on a background with the Hex color 80386E.

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
7C4246

Trichromacy



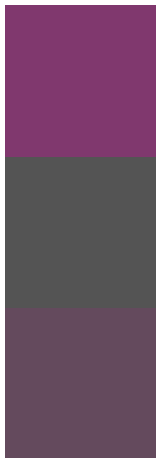
Original Color
80386E

Protanomaly
58497B

Deuteranomaly
61496B

Tritanomaly
7D3E55

Monochromacy



Original Color
80386E

Achromatopsia
545454

Achromatomaly
644A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 80386E 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 #80386E looks like.

```
.text, #text, p{  
    color:#80386E  
}
```

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 #80386E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80386E
}
```

Border

The CSS property to change the border of an element to Hex 80386E is called "border". The border property can be set on classes, ids or directly on the HTML element.

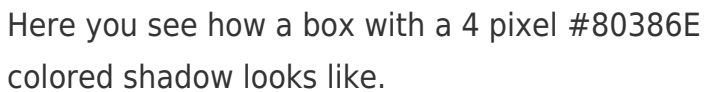
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80386E }
```

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

```
.border{ border-color:#80386E }
```

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



Here you see how a box with a 4 pixel #80386E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80386E; -webkit-box-shadow:4px 4px  
4px 4px #80386E; box-shadow:4px 4px 4px  
4px #80386E }
```

Background

The CSS property to change the background color of an element to Hex 80386E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80386E }
```

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

```
.background{ background-color:#80386E }
```

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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