

Converting Colors

Hex(78304E)

Have a look what the booklet for
Hex(78304E) contains.

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Color

Hex(78304E)

Conversions

Conversions Part 1

Format	Color
Hex	78304E
RGB	120, 48, 78
RGB Percent	47%, 19%, 31%
CMY	0.5294, 0.8118, 0.6941
CMYK	0.00, 0.60, 0.35, 0.53
HSL	335°, 43%, 33%
HSV	335°, 60%, 47%
XYZ	10.1778, 6.6570, 7.9562
YIQ	72.9480, 33.2820, 24.5940

Conversions

Conversions Part 2

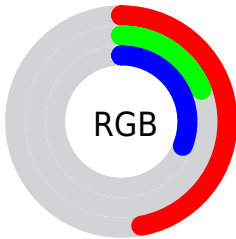
Format	Color
R_{YB}	120, 48, 78
Decimal	7876686
CIE Lab	31.01, 34.79, -2.56
CIE LCh	31, 34.885, 355.796
Yxy	6.6570, 0.4105, 0.2685
Android (android.graphics.Color)	4286066766 (0xFF78304E)
YUV	72.9480, 2.4906, 41.2646
Hunter-Lab	25.8012, 25.2609, -0.2222

Details

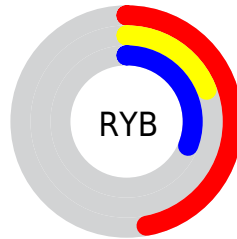
The Hex color **78304E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **30785A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AF627F**, and **440022** is the 20% darker color. If you saturate the color by 10%, you get **782447**, and if you desaturate by 10%, it is **783C55**.

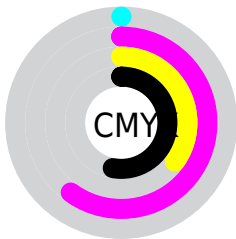
Distribution



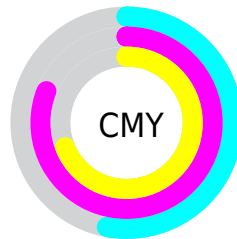
- Red (47%)
- Green (19%)
- Blue (31%)



- Red (47%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (35%)
- Black (53%)



- Cyan (53%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78304E 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 78304E by changing the saturation by 10% instead.

 78304E

 78304E

FFFFFF

 5E1737

 AF627F

 440022

 CB7B99

 2F000B

 E896B4

 000000

 FFB1CF

 FFCDEB

 FFEAFF

 78304E

 78304E

 782447

 783C55

781840

78485C

780C39

785463

780032

78606A

786C71

787878

78847F

789086

789C8D

Harmonies

Analogous

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



663868



78304E



7A3233

Triad

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



78304E



404E14



005376

Complementary

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



78304E



30785A

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.



005660



78304E



1B5329

Square

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



78304E



5B460E



005644



004D7F

Rectangle

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



78304E



743823



005644



00556F

Sweetspot

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



78304E



9C808B



5A3078



4F3E45



CFCFCF



4F4F4F

Same Dimension

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



78304E



9C2C5A



783630



3D373A



7D0034



FC0069

Inverse Universe

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



78304E



9C2C5A



307278



3D373A



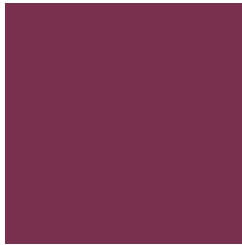
7D0034



FC0069

Previews

White Background



This preview shows how the Hex color 78304E looks on a white background.

Color Contrast Check

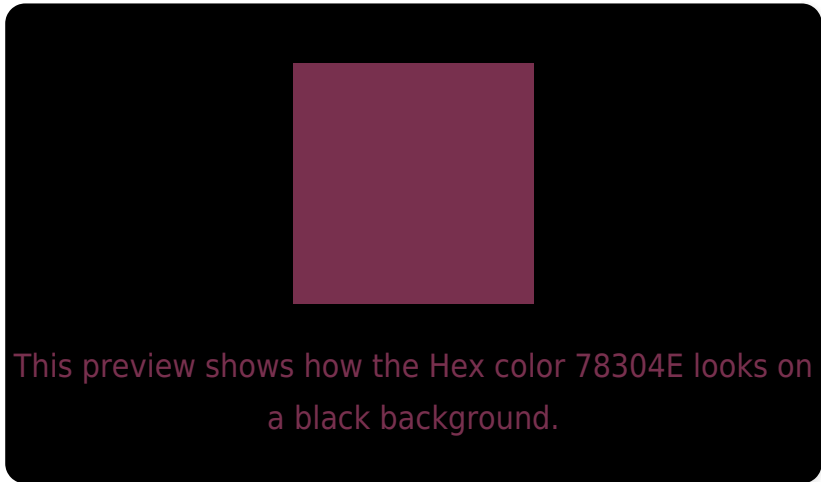
Large Text (above 18pt) WCAG AA ✓ Pass

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

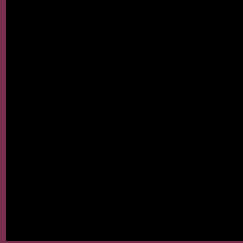
Any Text WCAG AA × Fail

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 78304E Background



This preview shows how black text looks on a background with the Hex color 78304E.



This preview shows how white text looks on a background with the Hex color 78304E.

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
78304E

Protanopia
45495E

Deuteranopia
51484A



Tritanopia
763538

Trichromacy



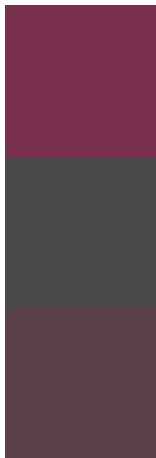
Original Color
78304E

Protanomaly
584058

Deuteranomaly
5F3F4B

Tritanomaly
773340

Monochromacy



Original Color
78304E

Achromatopsia
494949

Achromatomaly
5A404B

CSS Examples

Text

The CSS property to change the color of the text to Hex 78304E 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 #78304E looks like.

```
.text, #text, p{  
    color:#78304E  
}
```

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 #78304E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78304E
}
```

Border

The CSS property to change the border of an element to Hex 78304E is called "border". The border property can be set on classes, ids or directly on the HTML element.

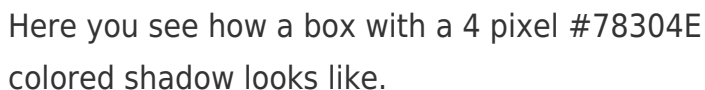
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78304E }
```

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

```
.border{ border-color:#78304E }
```

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



Here you see how a box with a 4 pixel #78304E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78304E; -webkit-box-shadow:4px 4px  
4px 4px #78304E; box-shadow:4px 4px 4px  
4px #78304E }
```

Background

The CSS property to change the background color of an element to Hex 78304E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78304E }
```

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

```
.background{ background-color:#78304E }
```

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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