

Converting Colors

Hex(78334B)

Have a look what the booklet for
Hex(78334B) contains.

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Color

Hex(78334B)

Conversions

Conversions Part 1

Format	Color
Hex	78334B
RGB	120, 51, 75
RGB Percent	47%, 20%, 29%
CMY	0.5294, 0.8000, 0.7059
CMYK	0.00, 0.58, 0.37, 0.53
HSL	339°, 40%, 34%
HSV	339°, 57%, 47%
XYZ	10.1996, 6.8687, 7.4448
YIQ	74.3670, 33.4200, 22.0920

Conversions

Conversions Part 2

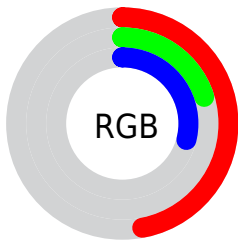
Format	Color
R_{YB}	120, 51, 75
Decimal	7877451
CIE Lab	31.51, 32.83, 0.12
CIE LCh	32, 32.835, 0.217
Yxy	6.8687, 0.4161, 0.2802
Android (android.graphics.Color)	4286067531 (0xFF78334B)
YUV	74.3670, 0.3121, 40.0201
Hunter-Lab	26.2082, 23.6030, 1.5036

Details

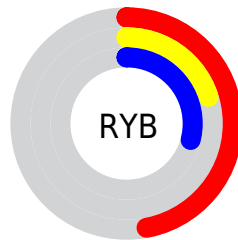
The Hex color **78334B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **337860**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **AF647C**, and **44001F** is the 20% darker color. If you saturate the color by 10%, you get **782743**, and if you desaturate by 10%, it is **783F53**.

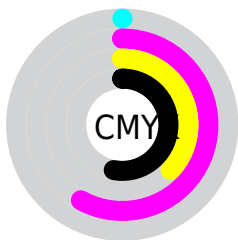
Distribution



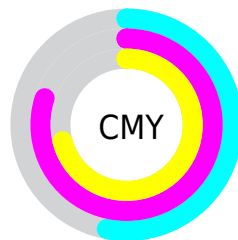
- Red (47%)
- Green (20%)
- Blue (29%)



- Red (47%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (37%)
- Black (53%)



- Cyan (53%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78334B 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 78334B by changing the saturation by 10% instead.

 78334B

 78334B

FFFFFF

 5E1B34

 AF647C

 44001F

 CB7E95

 2E0007

 E899B0

 000000

 FFB4CB

 FFD0E8

 FFECFF

 78334B

 78334B

 782743

 783F53

 781B3B

 784B5B

 780F34

 785762

 78032C

 78636A

 78002A

 786F72

 787B7A

 788782

 78938A

 789F91

Harmonies

Analogous

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



6A3964



78334B



783632

Triad

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



78334B



3E501B



005376

Complementary

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



78334B



337860

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.



005663



78334B



1A552F

Square

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



78334B



584913



00574A



0D4D7E

Rectangle

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



78334B



713C23



00574A



005571

Sweetspot

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



78334B



9C818A



603378



4F3F45



CFCFCF



4F4F4F

Same Dimension

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



78334B



9C3056



783D33



3D3739



7D002B



FC0058

Inverse Universe

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



78334B



9C3056



336E78



3D3739



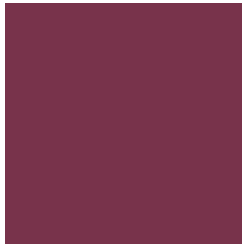
7D002B



FC0058

Previews

White Background



This preview shows how the Hex color 78334B looks on a white background.

Color Contrast Check

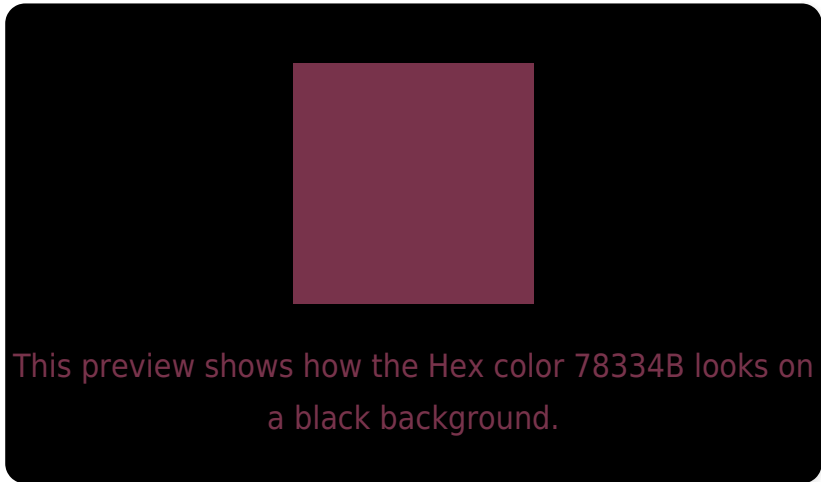
Large Text (above 18pt) WCAG AA ✓ Pass

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

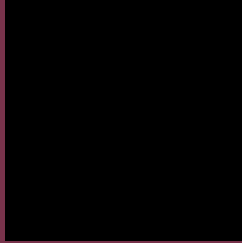
Any Text WCAG AA × Fail

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 78334B Background



This preview shows how black text looks on a background with the Hex color 78334B.

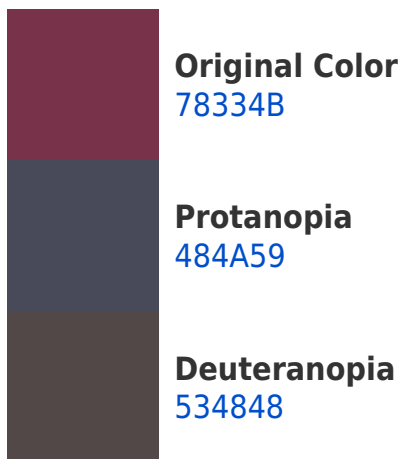



This preview shows how white text looks on a background with the Hex color 78334B.

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
77363A

Trichromacy



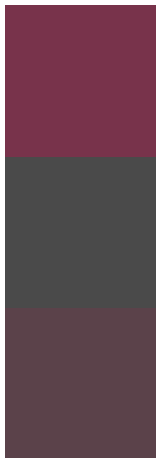
Original Color
78334B

Protanomaly
594254

Deuteranomaly
604049

Tritanomaly
773540

Monochromacy



Original Color
78334B

Achromatopsia
4A4A4A

Achromatomaly
5B424A

CSS Examples

Text

The CSS property to change the color of the text to Hex 78334B 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 #78334B looks like.

```
.text, #text, p{  
    color:#78334B  
}
```

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 #78334B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78334B
}
```

Border

The CSS property to change the border of an element to Hex 78334B is called "border". The border property can be set on classes, ids or directly on the HTML element.

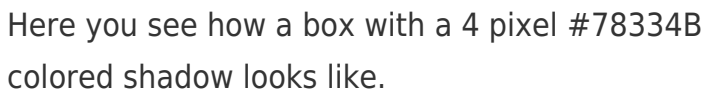
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78334B }
```

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

```
.border{ border-color:#78334B }
```

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



Here you see how a box with a 4 pixel #78334B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78334B; -webkit-box-shadow:4px 4px  
4px 4px #78334B; box-shadow:4px 4px 4px  
4px #78334B }
```

Background

The CSS property to change the background color of an element to Hex 78334B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78334B }
```

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

```
.background{ background-color:#78334B }
```

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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