

Converting Colors

Hex(78404D)

Have a look what the booklet for
Hex(78404D) contains.

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Color

Hex(78404D)

Conversions

Conversions Part 1

Format	Color
Hex	78404D
RGB	120, 64, 77
RGB Percent	47%, 25%, 30%
CMY	0.5294, 0.7490, 0.6980
CMYK	0.00, 0.47, 0.36, 0.53
HSL	346°, 30%, 36%
HSV	346°, 47%, 47%
XYZ	10.9187, 8.1957, 8.0276
YIQ	82.2260, 29.2030, 15.9150

Conversions

Conversions Part 2

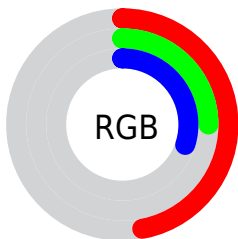
Format	Color
R_{YB}	120, 64, 77
Decimal	7880781
CIE _{Lab}	34.39, 25.87, 3.01
CIE _{LCh}	34, 26.049, 6.638
Yxy	8.1957, 0.4023, 0.3020
Android (android.graphics.Color)	4286070861 (0xFF78404D)
YUV	82.2260, -2.5764, 33.1278
Hunter-Lab	28.6281, 17.9802, 3.4141

Details

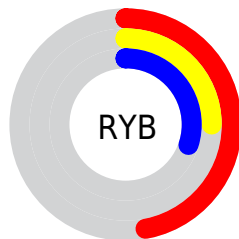
The Hex color **78404D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **40786B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **AE717E**, and **451221** is the 20% darker color. If you saturate the color by 10%, you get **783444**, and if you desaturate by 10%, it is **784C56**.

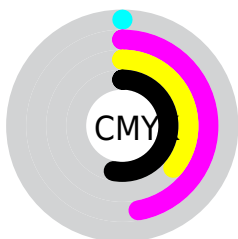
Distribution



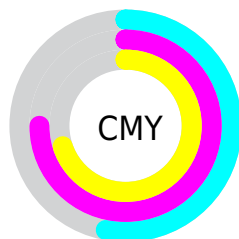
- Red (47%)
- Green (25%)
- Blue (30%)



- Red (47%)
- Yellow (25%)
- Blue (30%)



- Cyan (0%)
- Magenta (47%)
- Yellow (36%)
- Black (53%)



- Cyan (53%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78404D 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 78404D by changing the saturation by 10% instead.

 78404D

 78404D

FFFFFF

 5E2936

 AE717E

 451221

 CA8B98

 2E000A

 E7A6B2

 040000

 FFC1CE

 000000

 FFDDEA

 FFFAFF

 78404D

 78404D

 783444

 784C56

78283B

78585F

781C31

786469

781028

787072

78041F

787C7B

78001C

788884

78948D

78A097

78ACA0

Harmonies

Analogous

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



6E4362



78404D



764339

Triad

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



78404D



43572F



005776

Complementary

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



78404D



40786B

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.



005B69



78404D



285A40

Square

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



78404D



595127



005C55



38517A

Rectangle

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



78404D



70472F



005C55



005973

Sweetspot

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



78404D



9C868B



6B4078



4F4245



CFCFCF



4F4F4F

Same Dimension

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



78404D



9C4459



784F40



3D3739



7D001D



FC003B

Inverse Universe

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



78404D



9C4459



406978



3D3739



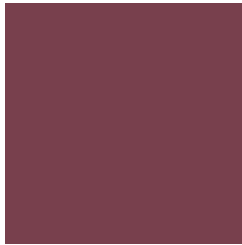
7D001D



FC003B

Previews

White Background



This preview shows how the Hex color 78404D looks on a white background.

Color Contrast Check

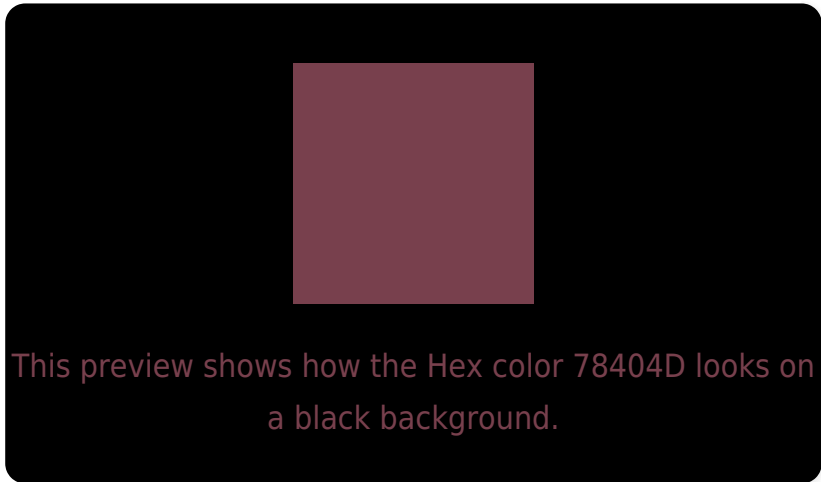
Large Text (above 18pt) WCAG AA ✓ Pass

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

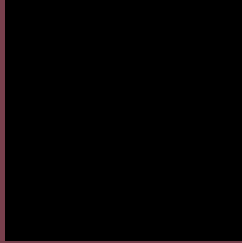
Any Text WCAG AA × Fail

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 78404D Background



This preview shows how black text looks on a background with the Hex color 78404D.



This preview shows how white text looks on a background with the Hex color 78404D.

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
78404D

Protanopia
515157

Deuteranopia
5C4F4B



Tritanopia
774146

Trichromacy



Original Color

78404D

Protanomaly

5F4B53

Deuteranomaly

664A4C

Tritanomaly

774149

Monochromacy



Original Color

78404D

Achromatopsia

525252

Achromatomaly

604B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 78404D 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 #78404D looks like.

```
.text, #text, p{  
    color:#78404D  
}
```

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 #78404D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78404D }  
}
```

Border

The CSS property to change the border of an element to Hex 78404D is called "border". The border property can be set on classes, ids or directly on the HTML element.

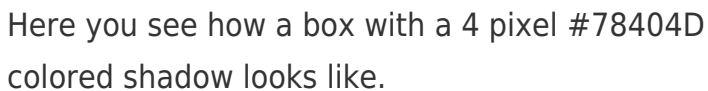
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #78404D }  
}
```

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

```
.border{ border-color:#78404D }
```

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



Here you see how a box with a 4 pixel #78404D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78404D; -webkit-box-shadow:4px 4px  
4px 4px #78404D; box-shadow:4px 4px 4px  
4px #78404D }
```

Background

The CSS property to change the background color of an element to Hex 78404D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78404D }
```

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

```
.background{ background-color:#78404D }
```

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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