

Converting Colors

Hex(7B4050)

Have a look what the booklet for
Hex(7B4050) contains.

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Color

Hex(7B4050)

Conversions

Conversions Part 1

Format	Color
Hex	7B4050
RGB	123, 64, 80
RGB Percent	48%, 25%, 31%
CMY	0.5176, 0.7490, 0.6863
CMYK	0.00, 0.48, 0.35, 0.52
HSL	344°, 32%, 37%
HSV	344°, 48%, 48%
XYZ	11.4497, 8.4569, 8.6183
YIQ	83.4650, 30.0280, 17.4840

Conversions

Conversions Part 2

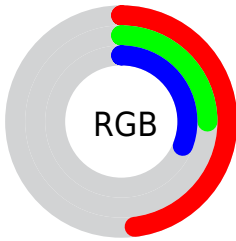
Format	Color
R_{YB}	123, 64, 80
Decimal	8077392
CIE _{Lab}	34.92, 27.47, 1.92
CIE _{LCh}	35, 27.536, 3.990
Yxy	8.4569, 0.4014, 0.2965
Android (android.graphics.Color)	4286267472 (0xFF7B4050)
YUV	83.4650, -1.7082, 34.6722
Hunter-Lab	29.0808, 19.3879, 2.7856

Details

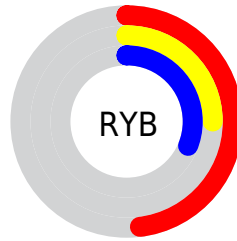
The Hex color **7B4050** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **407B6B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B17181**, and **481124** is the 20% darker color. If you saturate the color by 10%, you get **7B3447**, and if you desaturate by 10%, it is **7B4C59**.

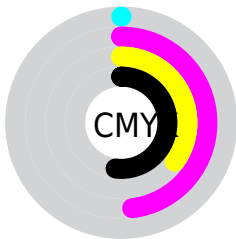
Distribution



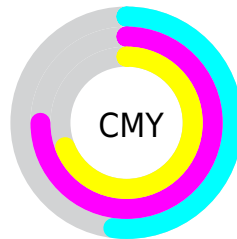
- Red (48%)
- Green (25%)
- Blue (31%)



- Red (48%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (48%)
- Yellow (35%)
- Black (52%)



- Cyan (52%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B4050 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 7B4050 by changing the saturation by 10% instead.

 7B4050

 7B4050

FFFFFF

 612939

 B17181

 481124

 CE8B9B

 30000E

 EAA6B6

 0E0000

 FFC1D1

 000000

 FFDDEE

 FFFAFF

 7B4050

 7B4050

 7B3447

 7B4C59

 7B273E

 7B5962

 7B1B35

 7B656B

 7B0F2C

 7B7174

 7B0223

 7B7E7D

 7B0021

 7B8A86

 7B968F

 7BA298

 7BAFA1

Harmonies

Analogous

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



704366



7B4050



7A433B

Triad

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



7B4050



46582D



005979

Complementary

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



7B4050



407B6B

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.



005D6A



7B4050



295C3E

Square

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



7B4050



5D5225



005D54



33537E

Rectangle

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



7B4050



74472F



005D54



005B75

Sweetspot

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



7B4050



A18A90



6A407B



524447



D1D1D1



525252

Same Dimension

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



7B4050



A1435D



7B4D40



3D3739



7D0022



FC0044

Inverse Universe

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



7B4050



A1435D



406E7B



3D3739



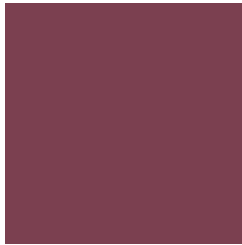
7D0022



FC0044

Previews

White Background



This preview shows how the Hex color 7B4050 looks on a white background.

Color Contrast Check

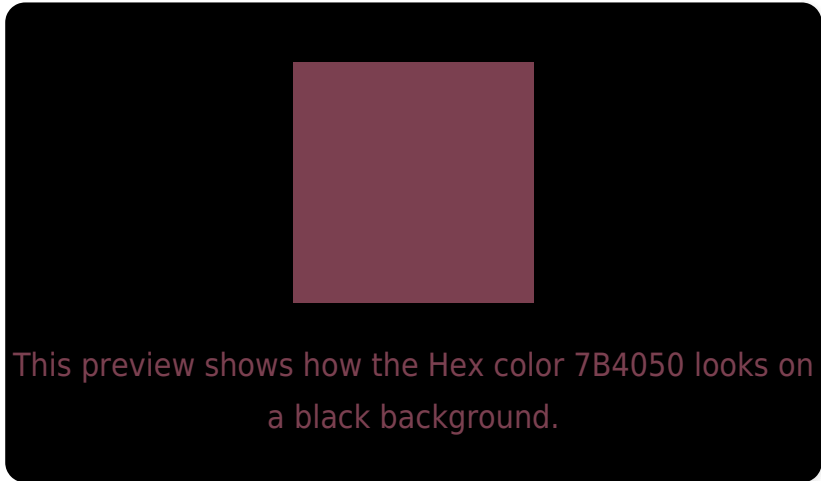
Large Text (above 18pt) WCAG AA ✓ Pass

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

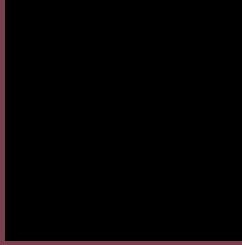
Any Text WCAG AA × Fail

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 7B4050 Background



This preview shows how black text looks on a background with the Hex color 7B4050.



This preview shows how white text looks on a background with the Hex color 7B4050.

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
7B4050

Protanopia
52525B

Deuteranopia
5D504D



Tritanopia
7A4246

Trichromacy



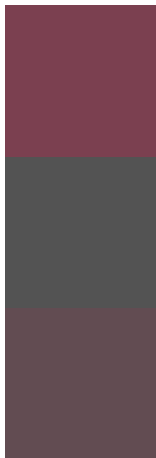
Original Color
7B4050

Protanomaly
614B57

Deuteranomaly
684A4E

Tritanomaly
7A414A

Monochromacy



Original Color
7B4050

Achromatopsia
535353

Achromatomaly
624C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4050 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 #7B4050 looks like.

```
.text, #text, p{  
    color:#7B4050  
}
```

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 #7B4050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4050
}
```

Border

The CSS property to change the border of an element to Hex 7B4050 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
#7B4050 }
```

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

```
.border{ border-color:#7B4050 }
```

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

Here you see how a box with a 4 pixel #7B4050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4050; -webkit-box-shadow:4px 4px  
4px 4px #7B4050; box-shadow:4px 4px 4px  
4px #7B4050 }
```

Background

The CSS property to change the background color of an element to Hex 7B4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4050 }
```

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

```
.background{ background-color:#7B4050 }
```

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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