

Converting Colors

Hex(7B4576)

Have a look what the booklet for
Hex(7B4576) contains.

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Color

Hex(7B4576)

Conversions

Conversions Part 1

Format	Color
Hex	7B4576
RGB	123, 69, 118
RGB Percent	48%, 27%, 46%
CMY	0.5176, 0.7294, 0.5373
CMYK	0.00, 0.44, 0.04, 0.52
HSL	306°, 28%, 38%
HSV	306°, 44%, 48%
XYZ	13.5665, 9.7752, 18.3113
YIQ	90.7320, 16.4550, 26.6870

Conversions

Conversions Part 2

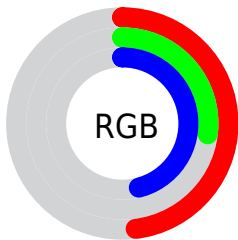
Format	Color
R_{YB}	123, 69, 118
Decimal	8078710
CIE _{Lab}	37.44, 30.98, -18.26
CIE _{LCh}	37, 35.961, 329.476
Yxy	9.7752, 0.3257, 0.2347
Android (android.graphics.Color)	4286268790 (0xFF7B4576)
YUV	90.7320, 13.4431, 28.2990
Hunter-Lab	31.2653, 22.7396, -12.8389

Details

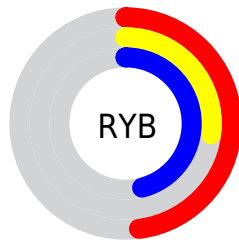
The Hex color **7B4576** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **457B4A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B177AA**, and **491645** is the 20% darker color. If you saturate the color by 10%, you get **7B3975**, and if you desaturate by 10%, it is **7B5177**.

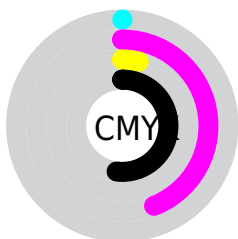
Distribution



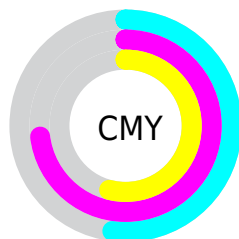
- Red (48%)
- Green (27%)
- Blue (46%)



- Red (48%)
- Yellow (27%)
- Blue (46%)



- Cyan (0%)
- Magenta (44%)
- Yellow (4%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B4576 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 7B4576 by changing the saturation by 10% instead.

 7B4576

 7B4576

FFFFFF

 612D5D

 B177AA

 491645

 CD91C6

 31002F

 E9ACE2

 1B001A

 FFC7FE

 000000

 FFE4FF

 7B4576

 7B4576

 7B3975

 7B5177

 7B2C74

 7B5E78

 7B2073

 7B6A79

 7B1471

 7B767B

 7B0770

 7B837C

 7B0070

 7B8F7D

 7B9B7E

 7BA77F

 7BB480

Harmonies

Analogous

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



58518B



7B4576



8C3E5A

Triad

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



7B4576



69561B



006674

Complementary

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



7B4576



457B4A

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.



006657



7B4576



4C5F23

Square

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



7B4576



7F4C26



246439



00638A

Rectangle

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



7B4576



8E3F46



246439



00666B

Sweetspot

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



7B4576



A18C9F



4A457B



524550



D1D1D1



525252

Same Dimension

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



7B4576



A14C99



7B455B



3D373D



7D0071



FC00E5

Inverse Universe

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



7B4576



A14C99



457B65



3D373D



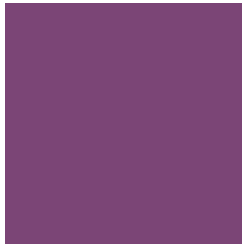
7D0071



FC00E5

Previews

White Background



This preview shows how the Hex color 7B4576 looks on a white background.

Color Contrast Check

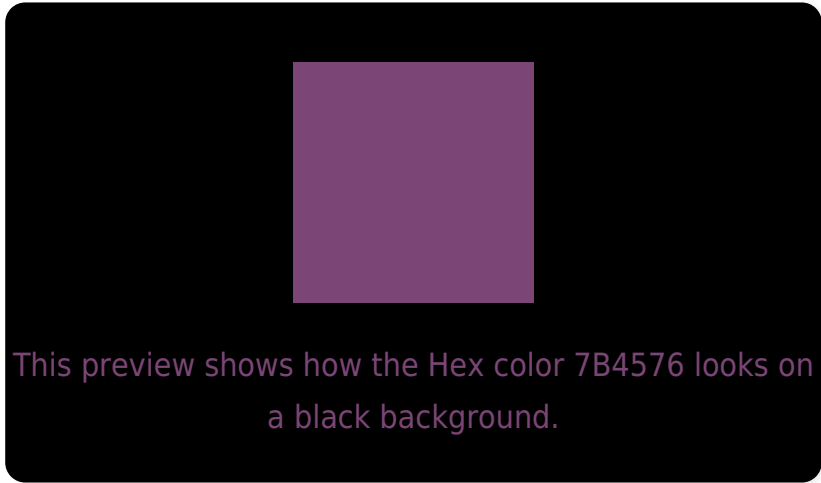
Large Text (above 18pt) WCAG AA ✓ Pass

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

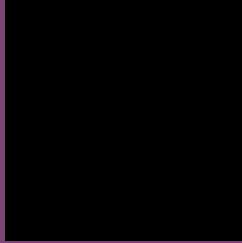
Any Text WCAG AA × Fail

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 7B4576 Background



This preview shows how black text looks on a background with the Hex color 7B4576.



This preview shows how white text looks on a background with the Hex color 7B4576.

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
774D53

Trichromacy



Original Color
7B4576

Protanomaly
5B507F

Deuteranomaly
625074

Tritanomaly
784A60

Monochromacy



Original Color
7B4576

Achromatopsia
5B5B5B

Achromatomaly
675365

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4576 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 #7B4576 looks like.

```
.text, #text, p{  
    color:#7B4576  
}
```

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 #7B4576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4576
}
```

Border

The CSS property to change the border of an element to Hex 7B4576 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
#7B4576 }
```

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

```
.border{ border-color:#7B4576 }
```

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

Here you see how a box with a 4 pixel #7B4576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4576; -webkit-box-shadow:4px 4px  
4px 4px #7B4576; box-shadow:4px 4px 4px  
4px #7B4576 }
```

Background

The CSS property to change the background color of an element to Hex 7B4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4576 }
```

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

```
.background{ background-color:#7B4576 }
```

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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