

Converting Colors

Hex(B7524E)

Have a look what the booklet for
Hex(B7524E) contains.

Hex(B7524E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B7524E)

Conversions

Conversions Part 1

Format	Color
Hex	B7524E
RGB	183, 82, 78
RGB Percent	72%, 32%, 31%
CMY	0.2824, 0.6784, 0.6941
CMYK	0.00, 0.55, 0.57, 0.28
HSL	2°, 42%, 51%
HSV	2°, 57%, 72%
XYZ	23.9209, 16.6519, 9.1611
YIQ	111.7430, 61.4800, 20.1680

Conversions

Conversions Part 2

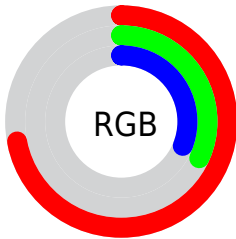
Format	Color
RYB	183, 82, 78
Decimal	12014158
CIELab	47.82, 40.60, 22.39
CIELCh	48, 46.368, 28.878
Yxy	16.6519, 0.4810, 0.3348
Android (android.graphics.Color)	4290204238 (0xFFB7524E)
YUV	111.7430, -16.6353, 62.4924
Hunter-Lab	40.8068, 33.2246, 15.2542

Details

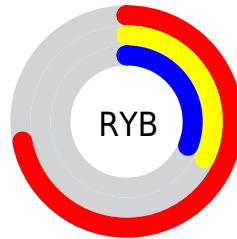
The Hex color **B7524E** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4EB3B7**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **F3867F**, and **7D1E22** is the 20% darker color. If you saturate the color by 10%, you get **B7403C**, and if you desaturate by 10%, it is **B76460**.

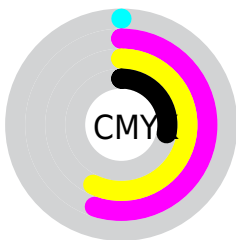
Distribution



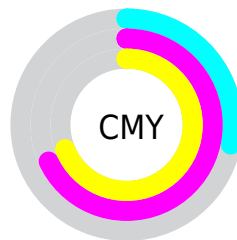
- Red (72%)
- Green (32%)
- Blue (31%)



- Red (72%)
- Yellow (32%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (57%)
- Black (28%)



- Cyan (28%)
- Magenta (68%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7524E 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 B7524E by changing the saturation by 10% instead.

 B7524E

 B7524E


FFFFFF

 9A3837

 F3867F

 7D1E22

 FFA199

 61000C

 FFBDB4

 450000

 FFD9CF

 2C0001

 FFF6EC

 000000

 B7524E

 B7524E

 B7403C

 B76460

 B72F29

 B77573

 B71D17

 B78785

 B70C05

 B79897

 B70700

 B7AAAA

 B7BCBC

 B7CDCE

 B7DFE0

 B7F0F3

Harmonies

Analogous

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



B64E75



B7524E



A6602E

Triad

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



B7524E



298147



0076C0

Complementary

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



B7524E



4EB3B7

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.



0080B4



B7524E



00846F

Square

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



B7524E



617A28



008496



7068B6

Rectangle

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



B7524E



936A20



008496



007ABE

Sweetspot

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



B7524E



EDC6C5



B74EB4



786160



F7F7F7



787878

Same Dimension

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



B7524E



ED504A



B7864E



5C5353



9C0600



1C0100

Inverse Universe

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



4EB3B7



4AE7ED



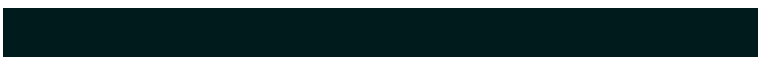
4E7FB7



535B5C



00969C



001B1C

Previews

White Background



This preview shows how the Hex color B7524E looks on a white background.

Color Contrast Check

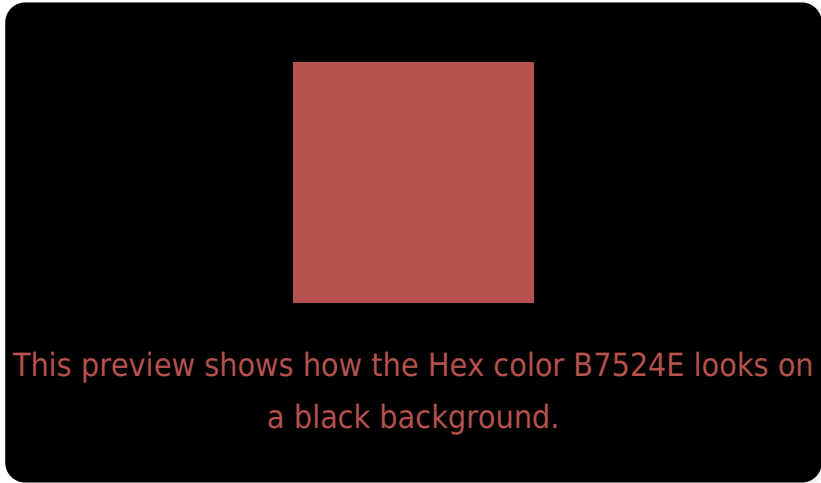
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B7524E Background



This preview shows how black text looks on a background with the Hex color B7524E.



This preview shows how white text looks on a background with the Hex color B7524E.

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
B7524E

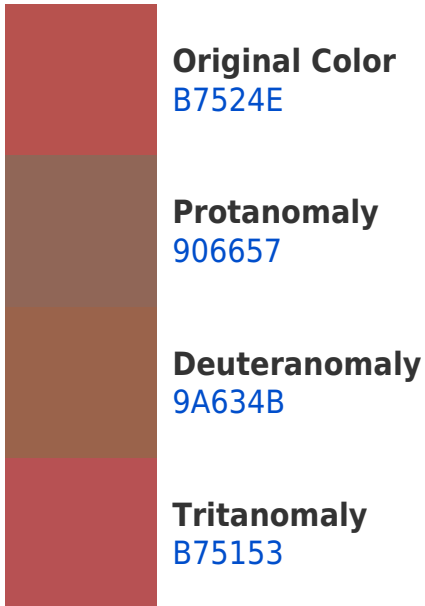
Protanopia
79725C

Deuteranopia
896D49

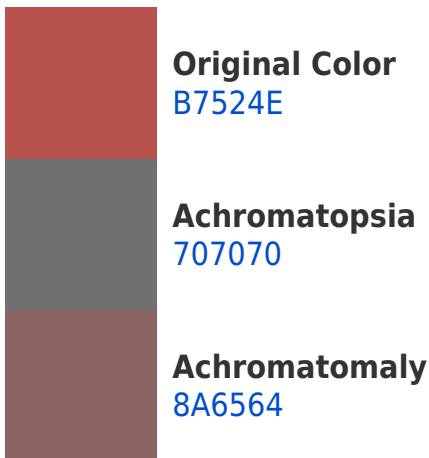


Tritanopia
B75156

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7524E 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 #B7524E looks like.

```
.text, #text, p{  
    color:#B7524E  
}
```

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 #B7524E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7524E
}
```

Border

The CSS property to change the border of an element to Hex B7524E is called "border". The border property can be set on classes, ids or directly on the HTML element.

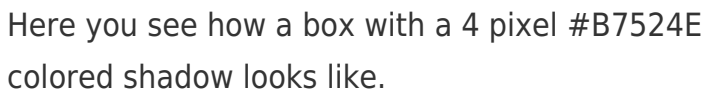
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7524E }
```

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

```
.border{ border-color:#B7524E }
```

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



Here you see how a box with a 4 pixel #B7524E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7524E; -webkit-box-shadow:4px 4px  
4px 4px #B7524E; box-shadow:4px 4px 4px  
4px #B7524E }
```

Background

The CSS property to change the background color of an element to Hex B7524E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7524E }
```

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

```
.background{ background-color:#B7524E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor