

Converting Colors

Hex(B5564E)

Have a look what the booklet for
Hex(B5564E) contains.

Hex(B5564E)	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(B5564E)

Conversions

Conversions Part 1

Format	Color
Hex	B5564E
RGB	181, 86, 78
RGB Percent	71%, 34%, 31%
CMY	0.2902, 0.6627, 0.6941
CMYK	0.00, 0.52, 0.57, 0.29
HSL	5°, 41%, 51%
HSV	5°, 57%, 71%
XYZ	23.7590, 17.0294, 9.2425
YIQ	113.4930, 59.1880, 17.6520

Conversions

Conversions Part 2

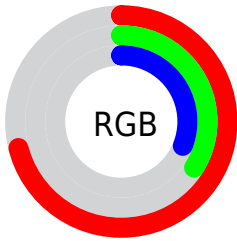
Format	Color
R_{YB}	181, 87, 78
Decimal	11884110
CIE Lab	48.30, 37.83, 22.96
CIE LCh	48, 44.249, 31.258
Yxy	17.0294, 0.4749, 0.3404
Android (android.graphics.Color)	4290074190 (0xFFB5564E)
YUV	113.4930, -17.4980, 59.2036
Hunter-Lab	41.2667, 30.5534, 15.6075

Details

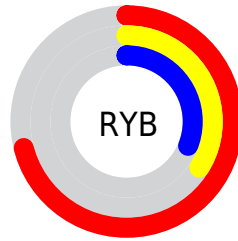
The Hex color **B5564E** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4EADB5**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **F18A7F**, and **7B2322** is the 20% darker color. If you saturate the color by 10%, you get **B5453C**, and if you desaturate by 10%, it is **B56760**.

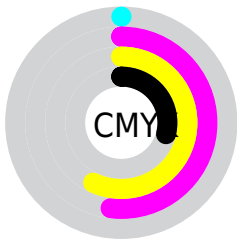
Distribution



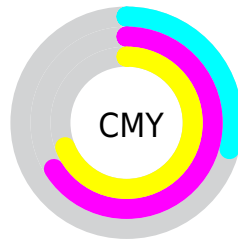
- Red (71%)
- Green (34%)
- Blue (31%)



- Red (71%)
- Yellow (34%)
- Blue (31%)



- Cyan (0%)
- Magenta (52%)
- Yellow (57%)
- Black (29%)



- Cyan (29%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5564E 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 B5564E by changing the saturation by 10% instead.

 B5564E

 B5564E

FFFFFF

 983D37

 F18A7F

 7B2322

 FFA599

 5F050C

 FFC1B4

 440000

 FFDDCF

 2B0001

 FFFAEC

 000000

 B5564E

 B5564E

 B5453C

 B56760

 B5352A

 B57772

 B52418

 B58884

 B51306

 B59996

 B50E00

 B5A9A9

 B5BABB

 B5CBCD

 B5DCDF

 B5ECF1

Harmonies

Analogous

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



B65173



B5564E



A36331

Triad

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



B5564E



2A824D



2176BD

Complementary

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



B5564E



4EADB5

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



B5564E



008573

Square

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



B5564E



607C2F



008498



7668B3

Rectangle

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



B5564E



916D25



008498



007ABC

Sweetspot

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



B5564E



EBC6C3



B54EAE



75605E



F5F5F5



757575

Same Dimension

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



B5564E



EB574B



B5884E



595150



990C00



1A0200

Inverse Universe

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



4EADB5



4BDEEB



4E7BB5



505959



008D99



00181A

Previews

White Background



This preview shows how the Hex color B5564E looks on a white background.

Color Contrast Check

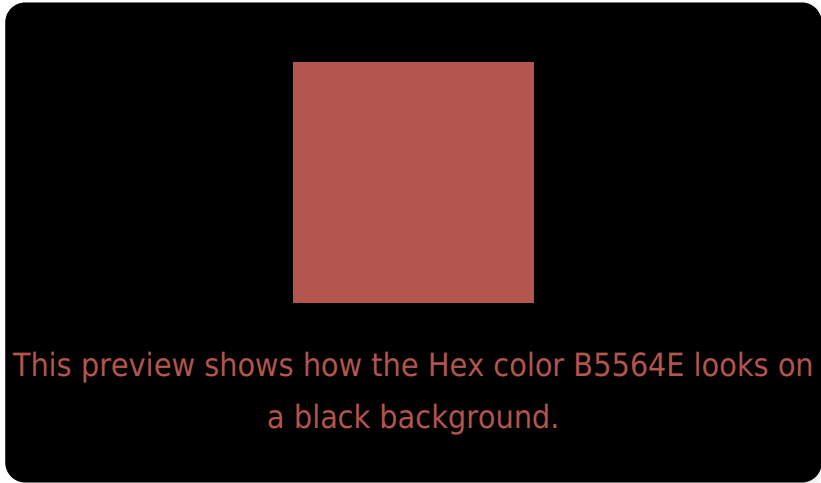
Large Text (above 18pt) WCAG AA ✓ Pass

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 B5564E Background



This preview shows how black text looks on a background with the Hex color B5564E.



This preview shows how white text looks on a background with the Hex color B5564E.

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
B5564E

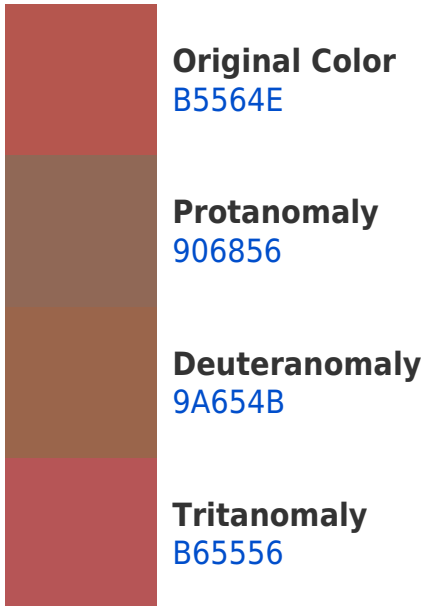
Protanopia
7B735A

Deuteranopia
8B6E4A



Tritanopia
B6545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5564E 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 #B5564E looks like.

```
.text, #text, p{  
    color:#B5564E  
}
```

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 #B5564E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5564E
}
```

Border

The CSS property to change the border of an element to Hex B5564E is called "border". The border property can be set on classes, ids or directly on the HTML element.

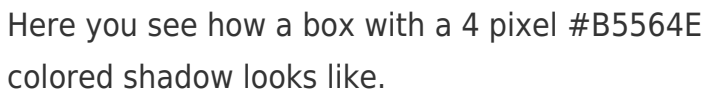
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5564E }
```

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

```
.border{ border-color:#B5564E }
```

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



Here you see how a box with a 4 pixel #B5564E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5564E; -webkit-box-shadow:4px 4px  
4px 4px #B5564E; box-shadow:4px 4px 4px  
4px #B5564E }
```

Background

The CSS property to change the background color of an element to Hex B5564E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5564E }
```

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

```
.background{ background-color:#B5564E }
```

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