

# Converting Colors

Hex(B1504E)

Have a look what the booklet for  
Hex(B1504E) contains.

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# Color

**Hex(B1504E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B1504E
RGB	177, 80, 78
RGB Percent	69%, 31%, 31%
CMY	0.3059, 0.6863, 0.6941
CMYK	0.00, 0.55, 0.56, 0.31
HSL	1°, 39%, 50%
HSV	1°, 56%, 69%
XYZ	22.3753, 15.6345, 9.0462
YIQ	108.7750, 58.4540, 19.9420

# Conversions

## Conversions Part 2

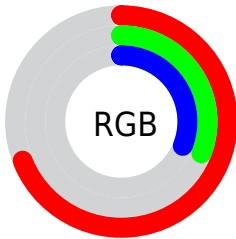
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 80, 78
Decimal	11620430
CIE <sub>Lab</sub>	46.49, 39.37, 20.47
CIE <sub>LCh</sub>	46, 44.377, 27.475
Yxy	15.6345, 0.4755, 0.3323
Android (android.graphics.Color)	4289810510 (0xFFB1504E)
YUV	108.7750, -15.1721, 59.8333
Hunter-Lab	39.5405, 31.8142, 14.1138

# Details

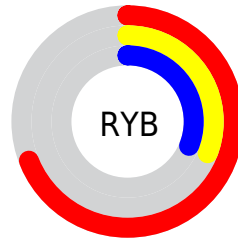
The Hex color **B1504E** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4EAFB1**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **EC847F**, and **771C22** is the 20% darker color. If you saturate the color by 10%, you get **B13F3C**, and if you desaturate by 10%, it is **B16160**.

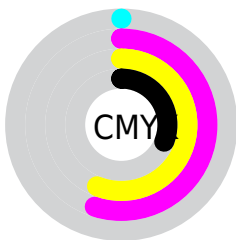
# Distribution



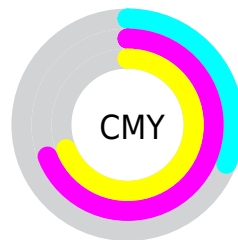
- Red (69%)
- Green (31%)
- Blue (31%)



- Red (69%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (56%)
- Black (31%)



- Cyan (31%)
- Magenta (69%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1504E 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 B1504E by changing the saturation by 10% instead.



 B1504E

 B1504E

FFFFFF

 943737

 EC847F

 771C22

 FF9F99

 5B000C

 FFBBB4

 400000

 FFD7CF

 260001

 FFF4EC

 000000

 B1504E

 B1504E

 B13F3C

 B16160

 B12D2B

 B17371

 B11C19

 B18483

 B10B07

 B19595

 B10400

 B1A7A7

 B1B8B8

 B1C9CA

 B1DBDC

 B1ECED

# Harmonies

## Analogous

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



AF4D73



B1504E



A15D2F

# Triad

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



B1504E



2E7D44



0073B8

# Complementary

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



B1504E



4EAFB1

# 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.



007CAC



B1504E



00806A

# Square

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



B1504E



607627



00808F



6A66B0

# Rectangle

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



B1504E



8F6722



00808F



0077B7



# Sweetspot

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



B1504E



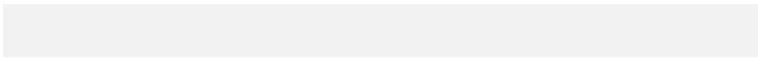
E6BFBE



B14EAF



735C5C



F2F2F2



737373



# Same Dimension

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



B1504E



E64F4C



B1814E



595150



990300



1A0100



# Inverse Universe

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



4EAFB1



4CE2E6



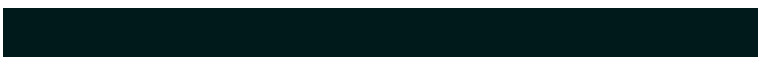
4E7EB1



505959



009699



00191A



# Previews

## White Background



This preview shows how the Hex color B1504E looks on a white background.

## Color Contrast Check

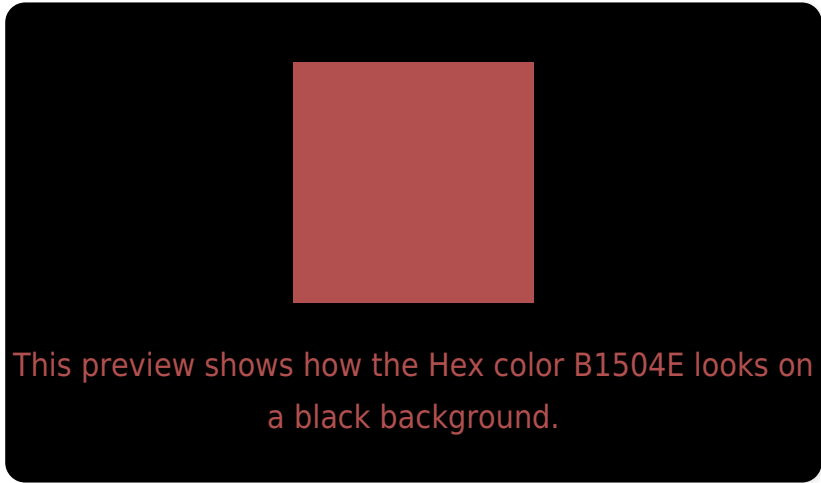
Large Text (above 18pt) WCAG AA ✓ Pass

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 B1504E Background



This preview shows how black text looks on a background with the Hex color B1504E.

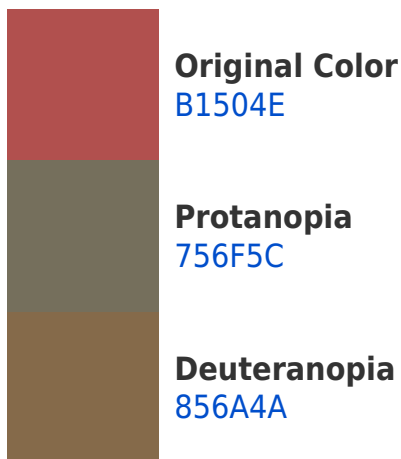



This preview shows how white text looks on a background with the Hex color B1504E.

# 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**  
B14F54

# Trichromacy



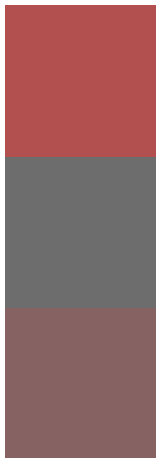
**Original Color**  
B1504E

**Protanomaly**  
8B6457

**Deuteranomaly**  
95614B

**Tritanomaly**  
B14F52

# Monochromacy



**Original Color**  
B1504E

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
866262

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1504E 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 #B1504E looks like.

```
.text, #text, p{  
    color:#B1504E  
}
```

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 #B1504E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1504E
}
```

## Border

The CSS property to change the border of an element to Hex B1504E is called "border". The border property can be set on classes, ids or directly on the HTML element.

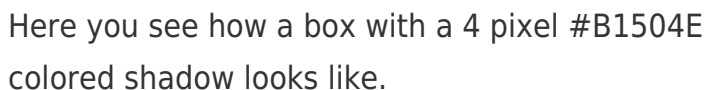
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1504E }
```

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

```
.border{ border-color:#B1504E }
```

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



Here you see how a box with a 4 pixel #B1504E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1504E; -webkit-box-shadow:4px 4px  
4px 4px #B1504E; box-shadow:4px 4px 4px  
4px #B1504E }
```

# Background

The CSS property to change the background color of an element to Hex B1504E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1504E }
```

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

```
.background{ background-color:#B1504E }
```

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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