

# Converting Colors

Hex(B14531)

Have a look what the booklet for  
Hex(B14531) contains.

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**Color**

**Hex(B14531)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B14531
RGB	177, 69, 49
RGB Percent	69%, 27%, 19%
CMY	0.3059, 0.7294, 0.8078
CMYK	0.00, 0.61, 0.72, 0.31
HSL	9°, 57%, 44%
HSV	9°, 72%, 69%
XYZ	20.8140, 13.8251, 4.4772
YIQ	99.0120, 70.7880, 16.6760

# Conversions

## Conversions Part 2

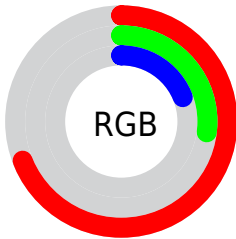
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 73, 49
Decimal	11617585
CIE <sub>Lab</sub>	43.98, 42.84, 34.38
CIE <sub>LCh</sub>	44, 54.930, 38.753
Yxy	13.8251, 0.5321, 0.3534
Android (android.graphics.Color)	4289807665 (0xFFB14531)
YUV	99.0120, -24.6559, 68.3955
Hunter-Lab	37.1821, 34.8527, 18.8882

# Details

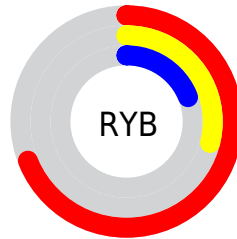
The Hex color **B14531** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **319DB1**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **EE7960**, and **760C03** is the 20% darker color. If you saturate the color by 10%, you get **B1361F**, and if you desaturate by 10%, it is **B15443**.

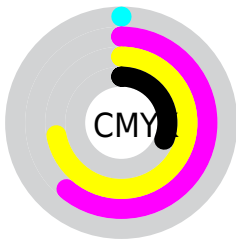
# Distribution



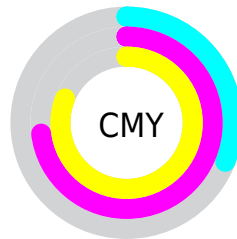
- Red (69%)
- Green (27%)
- Blue (19%)



- Red (69%)
- Yellow (29%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (72%)
- Black (31%)



- Cyan (31%)
- Magenta (73%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B14531 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 B14531 by changing the saturation by 10% instead.



 B14531

 B14531

FFFFFF

 932B1B

 EE7960

 760C03

 FF9479

 590000

 FFB093

 3D0000

 FFCCA0

 1F0001

 FFE8C9

 000000

 FFFF00

FFFE6

 B14531

 B14531

 B1361F

 B15443

 B1270E

 B16354

 B11C00

 B17266

 B18178

 B1908A

 B19F9B

 B1AEAD

 B1BCBF

 B1CBD0

# Harmonies

## Analogous

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



B9375D



B14531



975A05

# Triad

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



B14531



007B45



0069C3

# Complementary

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



B14531



319DB1

# 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.



0076BD



B14531



007D75

# Square

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



B14531



3F7517



007CA0



7A55B0

# Rectangle

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



B14531



7F6500



007CA0



006EC4



# Sweetspot

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



B14531



E6BBB3



B1319E



735A55



F2F2F2



737373



# Same Dimension

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



B14531



E63D1E



B18431



595250



991800



1A0400



# Inverse Universe

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



319DB1



1EC6E6



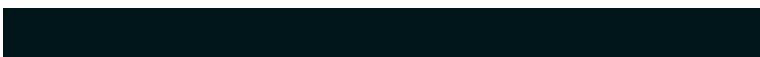
315EB1



505859



008199

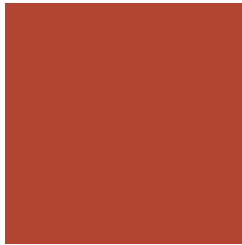


00161A



# Previews

## White Background



This preview shows how the Hex color B14531 looks on a white background.

## Color Contrast Check

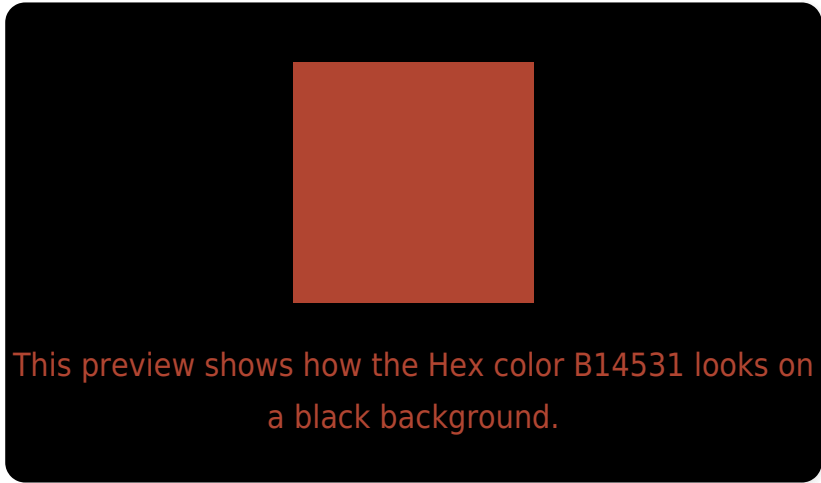
Large Text (above 18pt) WCAG AA ✓ Pass

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 B14531 Background



This preview shows how black text looks on a background with the Hex color B14531.



This preview shows how white text looks on a background with the Hex color B14531.

# 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**  
B14531

**Protanopia**  
73693D

**Deuteranopia**  
82642A

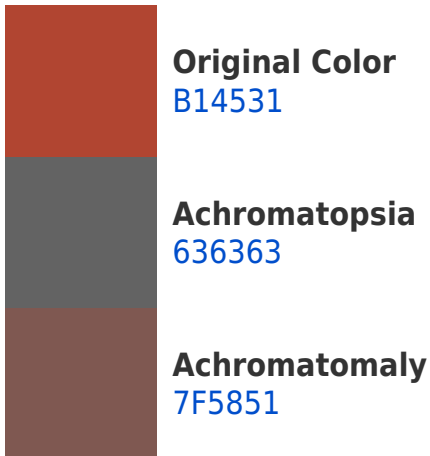


**Tritanopia**  
B24246

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B14531 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 #B14531 looks like.

```
.text, #text, p{  
    color:#B14531  
}
```

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 #B14531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B14531
}
```

## Border

The CSS property to change the border of an element to Hex B14531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

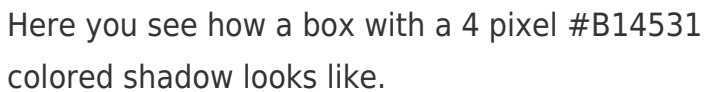
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B14531 }
```

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

```
.border{ border-color:#B14531 }
```

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



Here you see how a box with a 4 pixel #B14531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B14531; -webkit-box-shadow:4px 4px  
4px 4px #B14531; box-shadow:4px 4px 4px  
4px #B14531 }
```

# Background

The CSS property to change the background color of an element to Hex B14531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B14531 }
```

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

```
.background{ background-color:#B14531 }
```

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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