

# Converting Colors

Hex(B15D22)

Have a look what the booklet for  
Hex(B15D22) contains.

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**Color**

**Hex(B15D22)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B15D22
RGB	177, 93, 34
RGB Percent	69%, 36%, 13%
CMY	0.3059, 0.6353, 0.8667
CMYK	0.00, 0.47, 0.81, 0.31
HSL	25°, 68%, 41%
HSV	25°, 81%, 69%
XYZ	22.3345, 17.2913, 3.6738
YIQ	111.3900, 69.0030, -0.5410

# Conversions

## Conversions Part 2

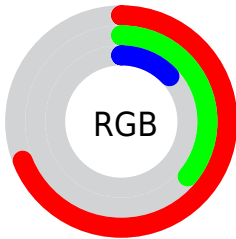
Format	Color
<a href="#">RYB</a>	177, 134, 34
Decimal	11623714
CIELab	48.63, 29.99, 46.80
CIELCh	49, 55.579, 57.348
Yxy	17.2913, 0.5158, 0.3993
Android (android.graphics.Color)	4289813794 (0xFFB15D22)
YUV	111.3900, -38.1533, 57.5400
Hunter-Lab	41.5828, 23.1042, 23.8698

# Details

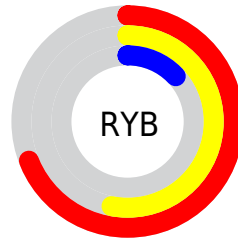
The Hex color **B15D22** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2276B1**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **EE9053**, and **762D00** is the 20% darker color. If you saturate the color by 10%, you get **B15310**, and if you desaturate by 10%, it is **B16734**.

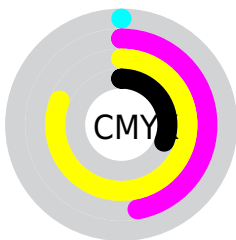
# Distribution



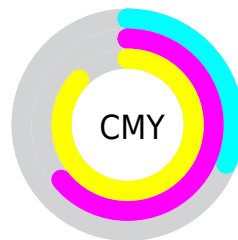
- Red (69%)
- Green (36%)
- Blue (13%)



- Red (69%)
- Yellow (53%)
- Blue (13%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (31%)



- Cyan (31%)
- Magenta (64%)
- Yellow (87%)


# Brightness & Saturation Gradients

These gradients show how the Hex color B15D22 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 B15D22 by changing the saturation by 10% instead.



 B15D22

 B15D22

FFFFFF

 934506

 EE9053

 762D00

 FFAB6C

 591500

 FFC787

 3E0000

 FFE3A1

 260001

 FFFFBD

 000000

 FFFFD9

 FFFFF6

 B15D22

 B15D22

 B15310

 B16734

 B14900

 B17245

 B17C57

 B18769

 B1917B

 B19B8C

 B1A69E

 B1B0B0

 B1BBC1

# Harmonies

## Analogous

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



C54A4B



B15D22



8E7000

# Triad

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



B15D22



00896E



6A69C8

# Complementary

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



B15D22



2276B1

# 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.



007AD2



B15D22



00899D

# Square

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



B15D22



0E853E



0085C2



A853A7

# Rectangle

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



B15D22



717A03



0085C2



486FCE



# Sweetspot

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



B15D22



E6C5AE



B12278



735F51



F2F2F2



737373



# Same Dimension

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



B15D22



E66307



B1A322



595450



993F00



1A0B00



# Inverse Universe

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



2276B1



078AE6



2230B1



505659



005A99



000F1A



# Previews

## White Background



This preview shows how the Hex color B15D22 looks on a white background.

## Color Contrast Check

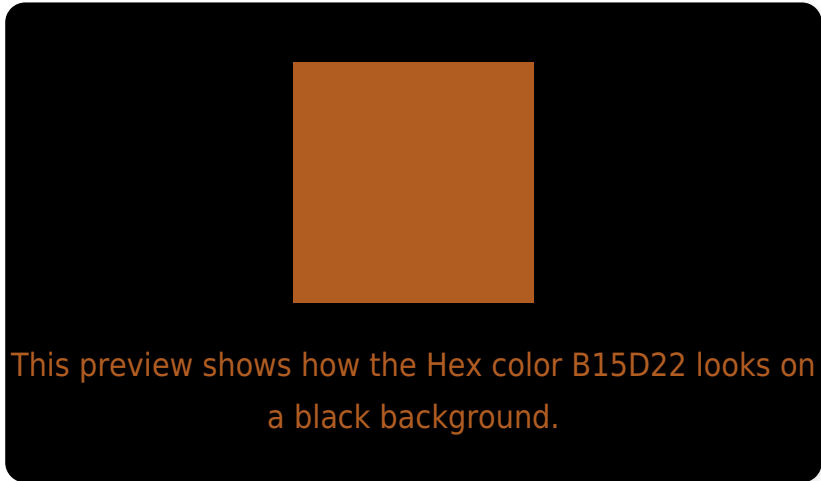
Large Text (above 18pt) WCAG AA ✓ Pass

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

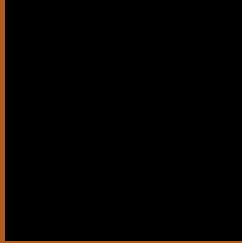
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B15D22 Background



This preview shows how black text looks on a background with the Hex color B15D22.



This preview shows how white text looks on a background with the Hex color B15D22.

# 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**  
B15D22

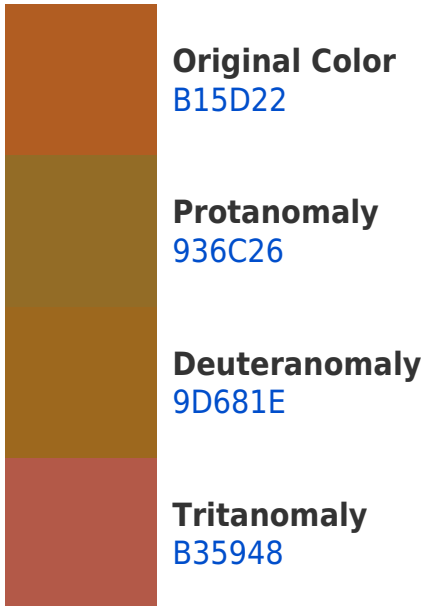
**Protanopia**  
827428

**Deuteranopia**  
926E1B

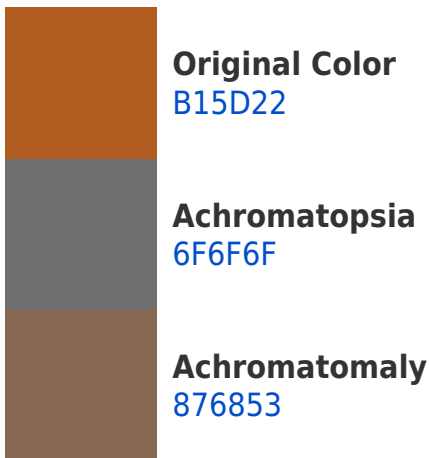


**Tritanopia**  
B4575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B15D22 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 #B15D22 looks like.

```
.text, #text, p{  
    color:#B15D22  
}
```

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 #B15D22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B15D22 }  
}
```

## Border

The CSS property to change the border of an element to Hex B15D22 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 #B15D22 }  
}
```

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

```
.border{ border-color:#B15D22 }
```

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

Here you see how a box with a 4 pixel #B15D22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B15D22; -webkit-box-shadow:4px 4px  
4px 4px #B15D22; box-shadow:4px 4px 4px  
4px #B15D22 }
```

# Background

The CSS property to change the background color of an element to Hex B15D22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B15D22 }
```

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

```
.background{ background-color:#B15D22 }
```

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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