

Converting Colors

Hex(BD5E22)

Have a look what the booklet for
Hex(BD5E22) contains.

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Color

Hex(BD5E22)

Conversions

Conversions Part 1

Format	Color
Hex	BD5E22
RGB	189, 94, 34
RGB Percent	74%, 37%, 13%
CMY	0.2588, 0.6314, 0.8667
CMYK	0.00, 0.50, 0.82, 0.26
HSL	23°, 70%, 44%
HSV	23°, 82%, 74%
XYZ	25.2777, 18.9397, 3.8368
YIQ	115.5650, 75.8800, 1.4800

Conversions

Conversions Part 2

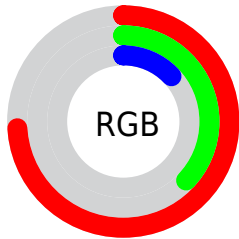
Format	Color
R _Y B	189, 132, 34
Decimal	12410402
CIE Lab	50.62, 34.40, 49.29
CIE LCh	51, 60.105, 55.086
Yxy	18.9397, 0.5260, 0.3941
Android (android.graphics.Color)	4290600482 (0xFFBD5E22)
YUV	115.5650, -40.2115, 64.4025
Hunter-Lab	43.5198, 27.5190, 25.2367

Details

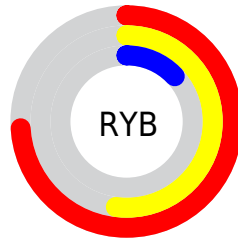
The Hex color **BD5E22** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2281BD**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FB9254**, and **812D00** is the 20% darker color. If you saturate the color by 10%, you get **BD520F**, and if you desaturate by 10%, it is **BD6A35**.

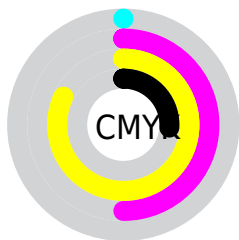
Distribution



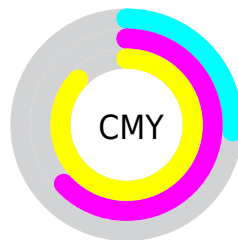
- Red (74%)
- Green (37%)
- Blue (13%)



- Red (74%)
- Yellow (52%)
- Blue (13%)



- Cyan (0%)
- Magenta (50%)
- Yellow (82%)
- Black (26%)



- Cyan (26%)
- Magenta (63%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD5E22 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 BD5E22 by changing the saturation by 10% instead.


 BD5E22

 BD5E22

FFFFFF

 9F4505

 FB9254

 812D00

 FFAD6D

 641300

 FFC987

 470000

 FFE5A2

 2F0001

 FFFFBE

 000000

 FFFFDA

 FFFFF6

 BD5E22

 BD5E22

 BD520F

 BD6A35

 BD4900

 BD7548

 BD815B

 BD8C6E

 BD9881

 BDA493

 BDFAFA6

 BDBBB9

 BDC6CC

Harmonies

Analogous

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



D24850



BD5E22



987300

Triad

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



BD5E22



008F6E



666FD6

Complementary

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



BD5E22



2281BD

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.



0081DF



BD5E22



0090A3

Square

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



BD5E22



108B3A



008CCC



AE56B4

Rectangle

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



BD5E22



797E00



008CCC



3A76DC

Sweetspot

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



BD5E22



F5CFB8



BD2282



7A6456



FAFAFA



7A7A7A

Same Dimension

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



BD5E22



F56205



BDAB22



5E5955



9E3D00



1F0C00

Inverse Universe

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



2281BD



0598F5



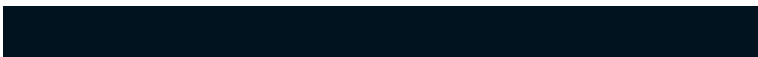
2234BD



555B5E



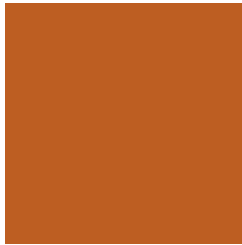
00619E



00131F

Previews

White Background



This preview shows how the Hex color BD5E22 looks on a white background.

Color Contrast Check

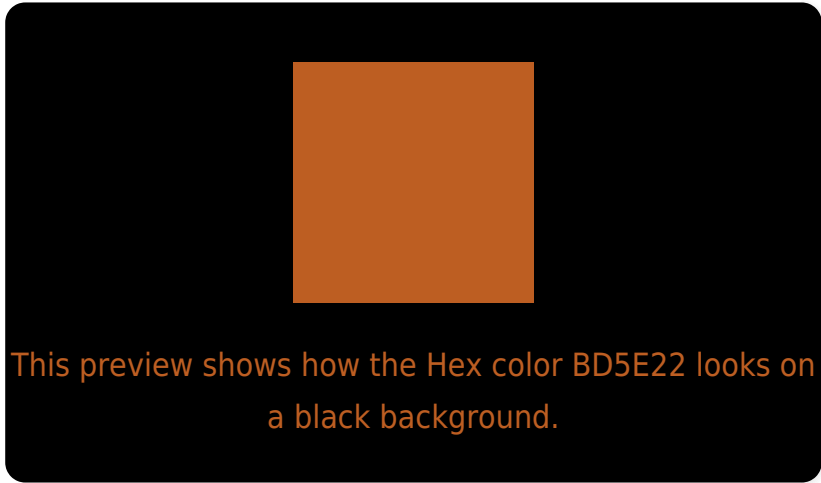
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex BD5E22 Background



This preview shows how black text looks on a background with the Hex color BD5E22.



This preview shows how white text looks on a background with the Hex color BD5E22.

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
BD5E22

Protanopia
877929

Deuteranopia
997319



Tritanopia
C0585E

Trichromacy



Original Color
BD5E22

Protanomaly
9B6F26

Deuteranomaly
A66B1C

Tritanomaly
BF5A48

Monochromacy



Original Color
BD5E22

Achromatopsia
747474

Achromatomaly
8F6C56

CSS Examples

Text

The CSS property to change the color of the text to Hex BD5E22 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 #BD5E22 looks like.

```
.text, #text, p{  
    color:#BD5E22  
}
```

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 #BD5E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5E22  
}
```

Border

The CSS property to change the border of an element to Hex BD5E22 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  
#BD5E22 }
```

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

```
.border{ border-color:#BD5E22 }
```

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

Here you see how a box with a 4 pixel #BD5E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5E22; -webkit-box-shadow:4px 4px  
4px 4px #BD5E22; box-shadow:4px 4px 4px  
4px #BD5E22 }
```

Background

The CSS property to change the background color of an element to Hex BD5E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5E22 }
```

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

```
.background{ background-color:#BD5E22 }
```

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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