

# Converting Colors

Hex(B56B22)

Have a look what the booklet for  
Hex(B56B22) contains.

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**Color**

**Hex(B56B22)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56B22
RGB	181, 107, 34
RGB Percent	71%, 42%, 13%
CMY	0.2902, 0.5804, 0.8667
CMYK	0.00, 0.41, 0.81, 0.29
HSL	30°, 68%, 42%
HSV	30°, 81%, 71%
XYZ	24.6025, 20.4546, 4.1648
YIQ	120.8040, 67.5370, -7.0150

# Conversions

## Conversions Part 2

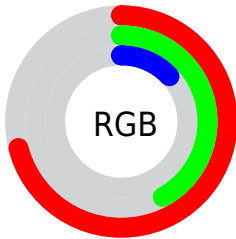
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">181, 179, 34</a>
Decimal	<a href="#">11889442</a>
CIELab	<a href="#">52.35, 24.05, 50.45</a>
CIElCh	<a href="#">52, 55.893, 64.513</a>
Yxy	<a href="#">20.4546, 0.4998, 0.4156</a>
Android (android.graphics.Color)	<a href="#">4290079522</a> ( <a href="#">0xFFB56B22</a> )
YUV	<a href="#">120.8040, -42.7944, 52.7919</a>
Hunter-Lab	<a href="#">45.2268, 17.9535, 26.1989</a>

# Details

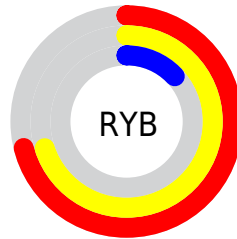
The Hex color **B56B22** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **226CB5**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F29F55**, and **7A3B00** is the 20% darker color. If you saturate the color by 10%, you get **B56210**, and if you desaturate by 10%, it is **B57434**.

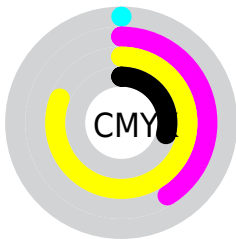
# Distribution



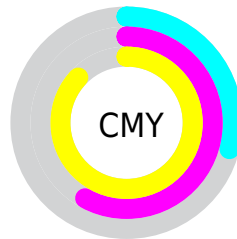
- Red (71%)
- Green (42%)
- Blue (13%)



- Red (71%)
- Yellow (70%)
- Blue (13%)



- Cyan (0%)
- Magenta (41%)
- Yellow (81%)
- Black (29%)



- Cyan (29%)
- Magenta (58%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56B22 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 B56B22 by changing the saturation by 10% instead.



 B56B22

 B56B22

FFFFFF

 975203

 F29F55

 7A3B00

 FFBA6E

 5E2400

 FFD689

 420E00

 FFF2A4

 2A0000

 FFFFBF

 000000

 FFFFDC

 FFFFF8

 B56B22

 B56B22

 B56210

 B57434

 B55A00

 B57D46

 B58658

 B58F6A

 B5997D

 B5A28F

 B5ABA1

 B5B4B3

 B5BDC5

# Harmonies

## Analogous

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



CE5749



B56B22



8E7D0A

# Triad

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



B56B22



009383



876DCC

# Complementary

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



B56B22



226CB5

# 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.



0080DD



B56B22



0092B2

# Square

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



B56B22



009151



008DD3



BC58A7

# Rectangle

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



B56B22



6F8619



008DD3



6C74D5



# Sweetspot

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



B56B22



EBCEB2



B5226E



756453



F5F5F5



757575



# Same Dimension

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



B56B22



EB7807



B5B322



595550



994C00



1A0D00



# Inverse Universe

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



226CB5



077AEB



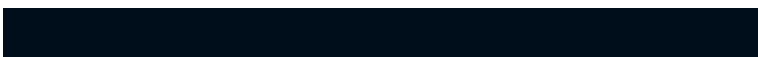
2224B5



505559



004D99



000D1A



# Previews

## White Background



This preview shows how the Hex color B56B22 looks on a white background.

## Color Contrast Check

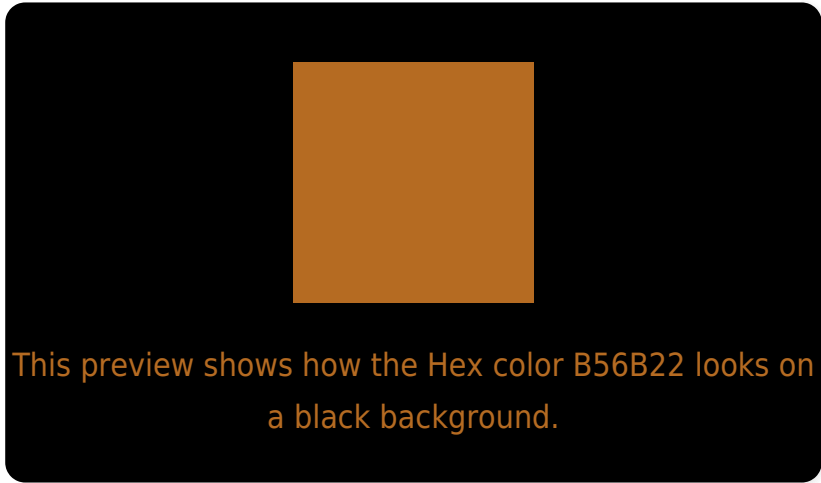
Large Text (above 18pt) WCAG AA ✓ Pass

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 B56B22 Background



This preview shows how black text looks on a background with the Hex color B56B22.



This preview shows how white text looks on a background with the Hex color B56B22.

# 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**  
B56B22

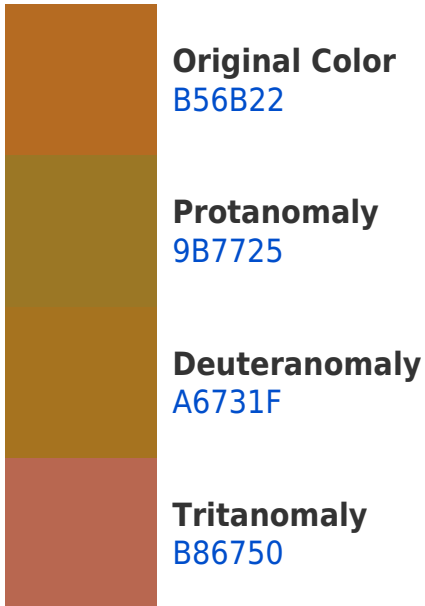
**Protanopia**  
8C7E27

**Deuteranopia**  
9E771D



**Tritanopia**  
B9646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56B22 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 #B56B22 looks like.

```
.text, #text, p{  
    color:#B56B22  
}
```

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 #B56B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56B22  
}
```

## Border

The CSS property to change the border of an element to Hex B56B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

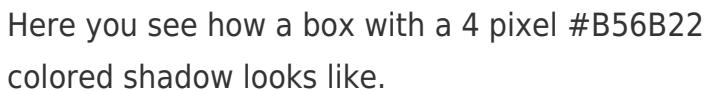
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B56B22 }
```

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

```
.border{ border-color:#B56B22 }
```

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



Here you see how a box with a 4 pixel #B56B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56B22; -webkit-box-shadow:4px 4px  
4px 4px #B56B22; box-shadow:4px 4px 4px  
4px #B56B22 }
```

# Background

The CSS property to change the background color of an element to Hex B56B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56B22 }
```

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

```
.background{ background-color:#B56B22 }
```

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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