

# Converting Colors

Hex(B56257)

Have a look what the booklet for  
Hex(B56257) contains.

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# Color

**Hex(B56257)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B56257</a>
RGB	<a href="#">181, 98, 87</a>
RGB Percent	<a href="#">71%, 38%, 34%</a>
CMY	<a href="#">0.2902, 0.6157, 0.6588</a>
CMYK	<a href="#">0.00, 0.46, 0.52, 0.29</a>
HSL	<a href="#">7°, 39%, 53%</a>
HSV	<a href="#">7°, 52%, 71%</a>
XYZ	<a href="#">25.1440, 19.2472, 11.4067</a>
YIQ	<a href="#">121.5630, 52.9990, 14.1750</a>

# Conversions

## Conversions Part 2

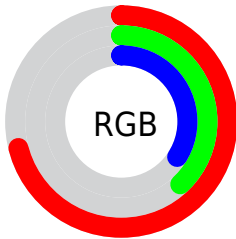
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 99, 87
Decimal	11887191
CIE Lab	50.98, 32.29, 21.19
CIE LCh	51, 38.621, 33.280
Yxy	19.2472, 0.4506, 0.3449
Android (android.graphics.Color)	4290077271 (0xFFB56257)
YUV	121.5630, -17.0396, 52.1262
Hunter-Lab	43.8717, 25.5277, 15.2947

# Details

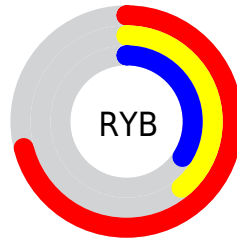
The Hex color **B56257** is a dark color, and the websafe version is hex **CC6666**, and the color name is **electric brown**. A complement of this color would be **57AAB5**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F09689**, and **7C312A** is the 20% darker color. If you saturate the color by 10%, you get **B55245**, and if you desaturate by 10%, it is **B57269**.

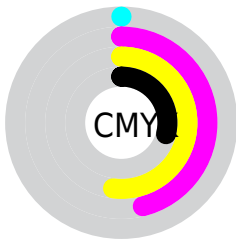
# Distribution



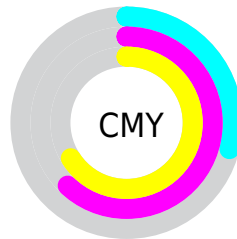
- Red (71%)
- Green (38%)
- Blue (34%)



- Red (71%)
- Yellow (39%)
- Blue (34%)



- Cyan (0%)
- Magenta (46%)
- Yellow (52%)
- Black (29%)



- Cyan (29%)
- Magenta (62%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56257 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 B56257 by changing the saturation by 10% instead.



 B56257

 B56257

FFFFFF

 984940

 F09689

 7C312A

 FF81A3

 611815

 FFCDBE

 460000

 FFEADA

 2E0001

 FFFFF7

 000000

 B56257

 B56257

 B55245

 B57269

 B54233

 B5827B

 B53221

 B5928D

 B5220F

 B5A29F

 B51500

 B5B2B2

 B5C2C4

 B5D2D6

 B5E2E8

 B5F2FA

# Harmonies

## Analogous

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



B65E77



B56257



A56D3F

# Triad

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



B56257



3C885B



477CBB

# Complementary

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



B56257



57AAB5

# 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.



0085B4



B56257



008A7C

# Square

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



B56257



678240



00899D



816FB1

# Rectangle

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



B56257



947536



00899D



297FBB



# Sweetspot

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



B56257



EBC9C5



B557AA



75625F



F5F5F5



757575



# Same Dimension

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



B56257



EB6A59



B59157



595150



991200



1A0300



# Inverse Universe

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



57AAB5



59DAEB



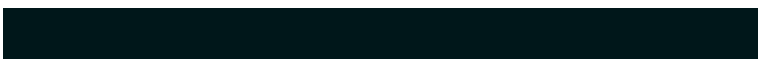
577BB5



505859



008799

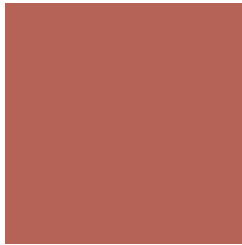


00171A



# Previews

## White Background



This preview shows how the Hex color B56257 looks on a white background.

## Color Contrast Check

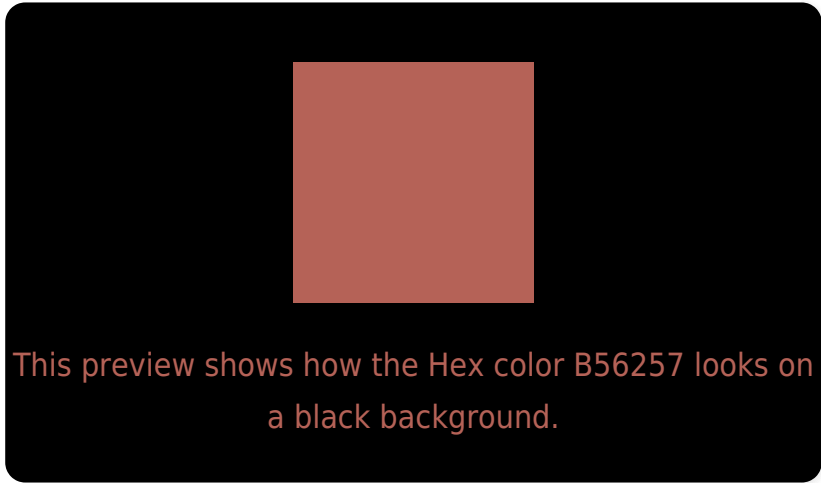
Large Text (above 18pt) WCAG AA ✓ Pass

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 B56257 Background



This preview shows how black text looks on a background with the Hex color B56257.



This preview shows how white text looks on a background with the Hex color B56257.

# 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**  
B56257

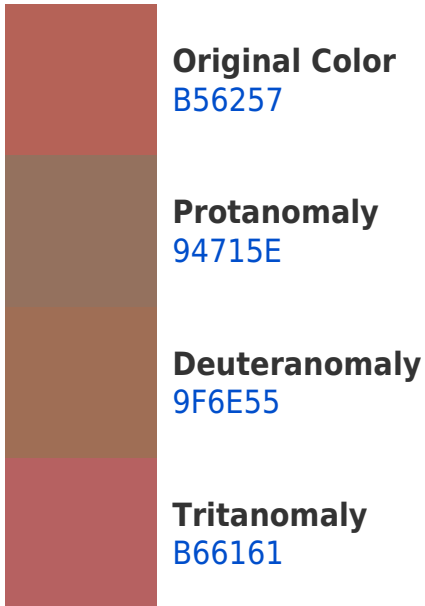
**Protanopia**  
817A62

**Deuteranopia**  
927554

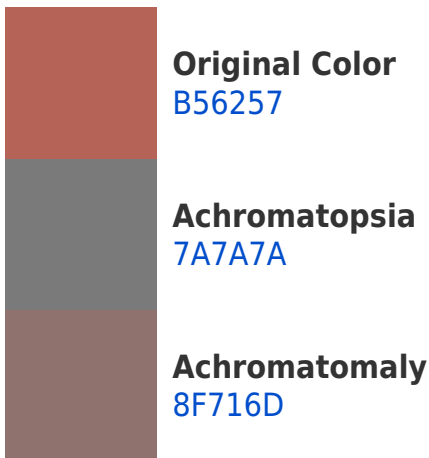


**Tritanopia**  
B66067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56257 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 #B56257 looks like.

```
.text, #text, p{  
    color:#B56257  
}
```

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 #B56257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56257
}
```

## Border

The CSS property to change the border of an element to Hex B56257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

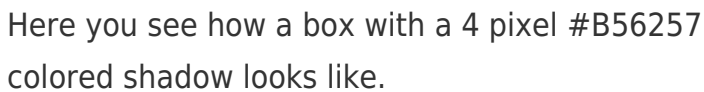
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B56257 }
```

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

```
.border{ border-color:#B56257 }
```

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



Here you see how a box with a 4 pixel #B56257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56257; -webkit-box-shadow:4px 4px  
4px 4px #B56257; box-shadow:4px 4px 4px  
4px #B56257 }
```

# Background

The CSS property to change the background color of an element to Hex B56257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56257 }
```

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

```
.background{ background-color:#B56257 }
```

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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