

Converting Colors

Hex(B56337)

Have a look what the booklet for
Hex(B56337) contains.

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Color

Hex(B56337)

Conversions

Conversions Part 1

Format	Color
Hex	B56337
RGB	181, 99, 55
RGB Percent	71%, 39%, 22%
CMY	0.2902, 0.6118, 0.7843
CMYK	0.00, 0.45, 0.70, 0.29
HSL	21°, 53%, 46%
HSV	21°, 70%, 71%
XYZ	24.2075, 19.0233, 6.0104
YIQ	118.5020, 62.9960, 3.7000

Conversions

Conversions Part 2

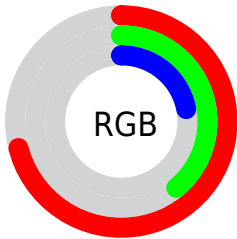
Format	Color
R_{YB}	181, 123, 55
Decimal	11887415
CIE Lab	50.71, 29.38, 38.87
CIE LCh	51, 48.724, 52.923
Yxy	19.0233, 0.4916, 0.3863
Android (android.graphics.Color)	4290077495 (0xFFB56337)
YUV	118.5020, -31.3065, 54.8107
Hunter-Lab	43.6157, 22.7433, 22.3606

Details

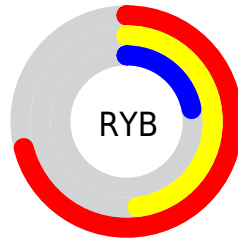
The Hex color **B56337** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3789B5**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F19768**, and **7B3208** is the 20% darker color. If you saturate the color by 10%, you get **B55725**, and if you desaturate by 10%, it is **B56F49**.

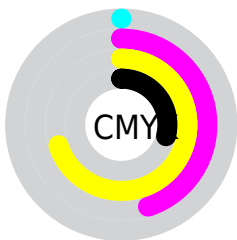
Distribution



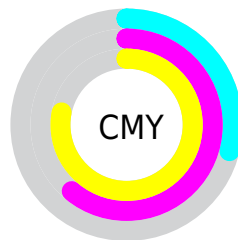
- Red (71%)
- Green (39%)
- Blue (22%)



- Red (71%)
- Yellow (48%)
- Blue (22%)



- Cyan (0%)
- Magenta (45%)
- Yellow (70%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B56337 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 B56337 by changing the saturation by 10% instead.

 B56337

 B56337

FFFFFF

 984A20

 F19768

 7B3208

 FF281

 5F1B00

 FFCE9C

 430200

 FFEAB7

 2B0001

 FFFFD3

 000000

 FFFFEF

 B56337

 B56337

 B55725

 B56F49

 B54B13

 B57B5B

 B54001

 B5866D

 B53F00

 B5927F

 B59E92

 B5AAA4

 B5B5B6

 B5C1C8

 B5CDDA

Harmonies

Analogous

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



C4555B



B56337



977320

Triad

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



B56337



008C6D



6972C6

Complementary

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



B56337



3789B5

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.



0080CB



B56337



008D98

Square

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



B56337



3B8844



0089BA



A260AB

Rectangle

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



B56337



7E7C20



0089BA



4C77CA

Sweetspot

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



B56337



EBCBB9



B5378B



756258



F5F5F5



757575

Same Dimension

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



B56337



EB6A26



B5A037



595350



993500



1A0900

Inverse Universe

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



3789B5



26A6EB



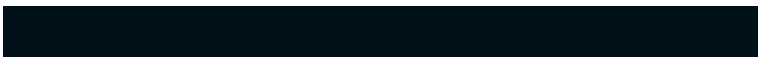
374CB5



505659



006499



00111A

Previews

White Background



This preview shows how the Hex color B56337 looks on a white background.

Color Contrast Check

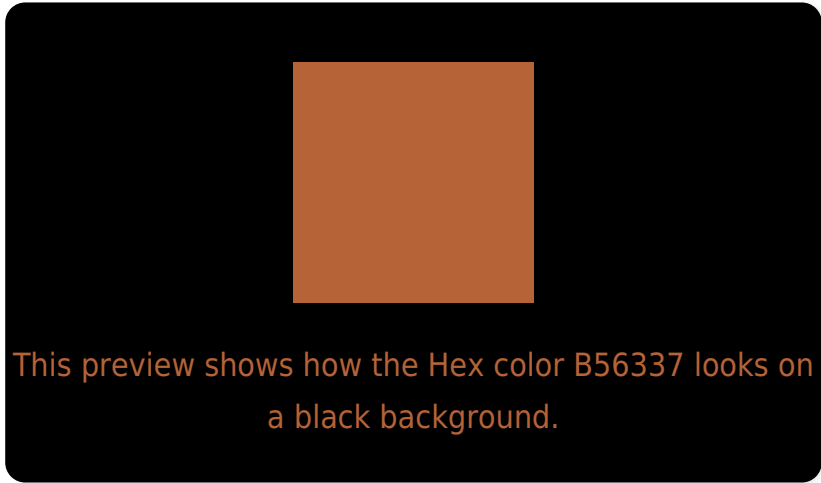
Large Text (above 18pt) WCAG AA ✓ Pass

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

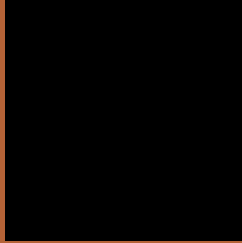
Any Text WCAG AA ✓ Pass

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 B56337 Background



This preview shows how black text looks on a background with the Hex color B56337.



This preview shows how white text looks on a background with the Hex color B56337.

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
B56337

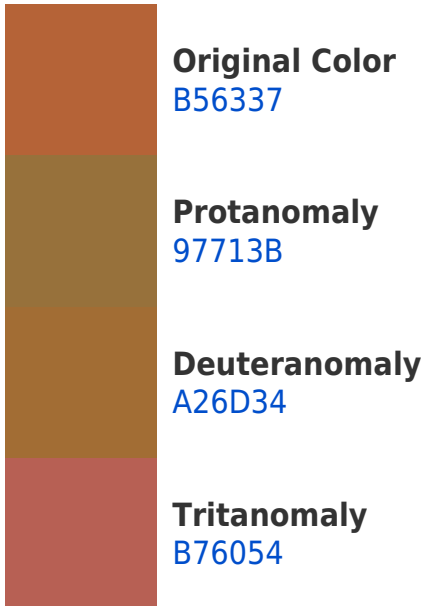
Protanopia
86793E

Deuteranopia
977333



Tritanopia
B85E64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B56337 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 #B56337 looks like.

```
.text, #text, p{  
    color:#B56337  
}
```

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 #B56337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56337
}
```

Border

The CSS property to change the border of an element to Hex B56337 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
#B56337 }
```

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

```
.border{ border-color:#B56337 }
```

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

Here you see how a box with a 4 pixel #B56337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56337; -webkit-box-shadow:4px 4px  
4px 4px #B56337; box-shadow:4px 4px 4px  
4px #B56337 }
```

Background

The CSS property to change the background color of an element to Hex B56337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56337 }
```

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

```
.background{ background-color:#B56337 }
```

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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